CATALOG 2011

Avenview

TABLE OF CONTENTS

FIBER OPTIC EXTENDERS

DVI EXTENDER 1

HDMI EXTENDER 3

DISPLAY PORT EXTENDER 4

HD/SD-SDI EXTENDER 4

CAT-5 EXTENDERS

HDMI EXTENDER 5

VGA EXTENDER 9

VIDEO PROCESSORS

DUAL SCREEN 12

QUAD SCREEN 13

VIDEOWALL 4 14

VIDEOWALL 9 15

VIDEO CONVERTERS

UNIVERSAL CONVERTER / SCALAR 16

3G/HD/SD-SDI / COMPONENT / DISPLAY PORT / DVI / HDMI / VGA 17

VIDEO SPLITTERS

DVI 22

HD/SD-SDI 23

VIDEO SWITCHES

HDMI 24

VGA 24

VIDEO MATRIX SWITCHES

HDMI 25

HD/SD-SDI 26

VGA 26

DVI EXTENDER

DVI-D Extender SET over Single Fiber with EMI Shielding

FEATURES

- High speed and long distance transmission by SC type Multi-Mode fiber optic cable
- Fully compatible with DVI standard
- With EMI Shielding
- Corresponding to T.M.D.S signal (Single Link)
- R, G, B, Clock signal is transmitted by 1 Multi-Mode Optical Fiber
- Self detecting function for EDID information
- Small form factor

SPECIFICATIONS

Model	FO-DVI-1000M-EMI
Description	DVI-D Extender SET with EMI Shielding
DVI Compliance	DVI 1.0
HDCP Compliance	HDCP 1.1
Video Bandwidth	2.25 Gbps (Single Link)
Connector Type	DVI 24 Pin
Resolution	HD: up to 1080p (1000 meters / 3300 feet) PC: up to 1920 x 1200 (1000 meters / 3300 feet)
Fiber Type	SC Multi-Mode Fiber cable
Power Consumption	1.0 Watt (max)

dvi HD ready 1080p HDCP WUXGA 1920x1200

DVI Extender SET over Fiber with Self-Detecting EDID, EMI Shielding

DVI EXTENDER

FEATURES

- Self detecting function for EDID learning
- High speed and long distance transmission by SC type Multi-Mode fiber optic cable
- Extend DVI-D signal up to 1000 meters (3300 feet) over fiber cable at 1920 x1200
- Supports up to 1080p, WUXGA (1920 x 1200)
- R, G, B, Clock signal is transmitted by 1 SC type Multi-Mode fiber optic cable

SPECIFICATIONS

Model	FO-DVI-1000M-EMIX
Description	DVI-D Extender SET with EMI Shielding
DVI Compliance	DVI 1.0
HDCP Compliance	HDCP 1.1
Video Bandwidth	2.25 Gbps (Single Link)
Connector Type	DVI 24 Pin
Resolution	HD: up to 1080p (1000 meters / 3300 feet) PC: up to 1920 x 1200 (1000 meters / 3300 feet)
Fiber Type	SC Multi-Mode Fiber cable
Power Consumption	1.0 Watt (max)

dvi HD ready 1080p HDCP WUXGA 1920x1200

DVI EXTENDER

DVI-D Extender over Fiber Optic Cable, HDCP Compliant

FEATURES

- Integrated solution for extending DVI-D signal for long distance transmission
- Available in pre-assembled lengths of up to 100 meters (330 feet)
- Supports up to 1920x1440 resolution
- Compatible with DDWG DVI standard
- DDC signal is transmitted by copper line
- HDCP Compliant
- R, G, B, Clock signals are transmitted by optical fiber
- Supports DDC2B protocol

SPECIFICATIONS

Model	FO-DVI-XX-MM
Description	DVI-D Extender over Fiber Optic Cable, HDCP Compliant
Video Bandwidth	1.65 Gbps (Single Link)
Connectors	DVI-D Single Link Connector (Male)
Supported Resolution	Up to 1920 x1440
HDCP Compliant	Yes
Available Lengths	10, 15, 20, 25, 30, 40, 50, 75, 100 meters
Fiber Type	H-PCF graded index Multi-Mode Fiber

dvi digital visual interface · HD ready 1080p · HDCP · WUXGA 1920x1200

DVI EXTENDER

Dual Link DVI Extender over Fiber HDCP Compliant

SPECIFICATIONS

Model	FO-DVI-DL-330
Description	Single/Dual Link DVI Extender over Fiber, HDCP Compliant
Video Bandwidth	1.65 Gbps (Single Link)
DVI Connector	24 Pin
FO Connectors	LC Type
Link Connector (DDC)	RJ45
Supported Resolution	Single Link: WUXGA (1920 x1200) Dual Link: QXGA (2560x1600)
Power Consumption	1.5 Watt (max)

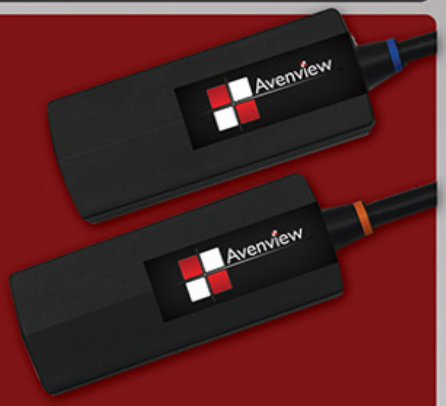
dvi digital visual interface · HD ready 1080p · HDCP · WUXGA 1920x1200

FEATURES

- High speed and long distance transmission by LC type Multi-Mode
  - o Uses 7 strand Multi-Mode LC fiber optic cable
- Extend dual link 2560x1600 DVI signal up to 100 meters (330 feet)
- HDCP Compliant
- Supports two modes of DDC (Real Mode and Emulation Mode)
- Supports both Single and Dual link by selectable function

HDMI EXTENDER

HDMI 1.3a Extender SET over Single Fiber Optic with EMI Shielding



FEATURES

- High Speed and long distance transmission by 1 channel SC type Multi-mode Fiber
- Supports resolution up to HDTV/1080P,
- PC/WUXGA(1920x1200)
- Transmit up to 1000m (3300 feet) at 1280 x 1024 by multi-mode SC Type one fiber optic cable
- Transmit up to 500m (1650 feet) at 1920 x 1200 by multi-mode SC Type one fiber optic cable
- TMDS video signal and EDID data is transmitted by 1 channel multimode optical fiber
- HDCP support by DDC channel
- Supports 12Bit Deep Color

SPECIFICATIONS

Model	FO-HDMI-1000M-EMI
Description	HDMI 1.3a Extender SET with EMI Shielding
HDMI Compliance	HDMI 1.3a
HDCP Compliance	HDCP 1.1
Video Bandwidth	2.25 Gbps (Single Link)
Connector Type	HDMI Type A
Resolution	HD: up to 1080p (500 meters / 1650 feet) PC: up to 1920 x 1200 (500 meters / 1650 feet)
Fiber Type	SC Multi-Mode Fiber cable
Power Consumption	1.0 Watt (max)

HDMI TRUEHD HDCP WUXGA 1920x1200

HDMI Extender over Fiber Optic Cable, HDCP Compliant

HDMI EXTENDER

SPECIFICATIONS

Model	FO-HDMI-xx-MM
Description	HDMI Extender over Fiber Optic Cable, HDCP Compliant
Video Bandwidth	1.65 Gbps (Single Link)
Connectors	HDMI Type A
Supported Resolution	480p / 720p / 1080i / 1080p
HDCP Compliant	Yes
Available Lengths	10, 15, 20, 25, 30, 40, 50, 75, 100 meters
Fiber Type	H-PCF graded index Multi-Mode Fiber

HDMI HDCP TRUEHD WUXGA 1920x1200

FEATURES

- Integrated solution for extending HDMI signal for long distance transmission
- Available in pre-assembled lengths of up to 100 meters (330 feet)
- Supports up to 1920x1440 resolution
- Compatible with DDWG DVI standard
- DDC, CEC signal and 5V power is transmitted by copper line
- HDCP Compliant
- R, G, B, Clock signals are transmitted by optical fiber

DISPLAYPORT EXTENDER

DisplayPort Extender over Fiber Optic Cable

FEATURES

- High Speed and long distance transmission by Optical fiber
- Compatible with DisplayPort standard v1.1a
- HBR(High Bit Rate) Cable Assembly (up to 2.7Gbs Data Rate)
- Use Extender Power
- Supports up to WQXGA (2560 x 1600) resolution
- AUX and Hot-Plug channels are transmitted by copper line
- DPCP & HDCP compliant

HDCP DPCP TRUEHD WQXGA 2560x1600

SPECIFICATIONS

Type	Fiber Optic Transmitter
Standard	DisplayPort v1.1a
Video Bandwidth	10bit Deep Color / 60Hz
Connector Type	20 pin DisplayPort Plug (Male)
Fiber Type	50/125 ㎛ Multi-mode Glass Fiber
Power Consumption	5V / 2A
Supported Resolution and Distance	Up to WQXGA 2560 x 1600 @ 65 meters (210 feet)
Optical Connector	4 ch 850nm Multi-mode VCSEL
Fiber Type	50/125 ㎛ Multi-mode Glass Fiber

Type	Fiber Optic Receiver
Standard	DisplayPort v1.1a
Video Bandwidth	10bit Deep Color / 60Hz
Connector Type	20 pin DisplayPort Plug (Female)
Fiber Type	50/125 ㎛ Multi-mode Glass Fiber
Power Consumption	5V / 2A (min)
Supported Resolution and Distance	Up to WQXGA 2560 x 1600 @ 65 meters (210 feet)
Optical Connector	4 ch GaAs PIN photo Diode
Fiber Type	50/125 ㎛ Multi-mode Glass Fiber

HD/SD-SDI EXTENDER

HD/SD-SDI Extender over Fiber Optic with Loop Out

FEATURES

- Enables transmission of digital video signal over fiber optic cable
- Extend HD-SDI signal up to 150 meters (500 feet)
- Extend SD-SDI signal up to 300 meters (1000 feet)
- Use LC type multi-mode fiber optic cable
- Supports SMPTE 259M (270 Mbps), SMPTE 259M (360 Mbps), SMPTE 259M / HDTV (1.485 Gbps, 1.485 / 1.001 Gbps), DVB ASA (270 Mbps)
- HD/SDI input signal detection LED
- SDI loop-out and one SDI BNC output

SPECIFICATIONS

Model	FO-HDSDI-L-SET
Description	HD/SD-SDI Extender over Fiber Optic with Loop Out
SDI Standards	SD-SDI & HD-SDI
Auto HD/SD-SDI Detection	Yes
Supported Protocols	SMPTE 259M (270Mbps / 360Mpbs), DVB ASI (270Mbps) SMPTE 292M / HDTV (1.485Gbps and 1.485/1.001Gbps)
Video Bandwidth	1.485Gpbs & 1.485/1.001Gbps
Data Rates	270 / 1483 / 1485 Mbps
Supported Video	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz
SDI Signal Type	SMPTE-292M, SMPTE-259M, DVB-ASI
Auto Reclocking Mode	Automatic detection: 270Mbps / 1.483Gbps / 1.485Gbps Automatic bypass: 177Mbps / 360Mbps / 540Mbps
Cable Equalization	HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)
Loop Out	Yes
Fiber Type	LC Type
Power Consumption	5 Watts (max)

HD-SD

HDMI EXTENDER

HDMI 1.3 Extender SET over Single CAT5

FEATURES

HDMI 1.3c compliant
Extend the transmission length up to 60m (200ft) from the HDMI sources under HD resolution (1080i or 720p at 8 bit color depth)
Extend the transmission length up to 40m (130ft) from the HDMI sources under Full HD resolution (1080p at 8 bit color depth)
HDCP 1.1 compliant
Minimize the cable skew by adjustable 8-level equalization control
Pure unaltered uncompressed 7.1ch digital HDMI over LAN cable transmission
DTS-HD and Dolby True HD high bit rate audio support
Allows cascading

SPECIFICATIONS

Model	HDMI-C5-3-S	HDMI-C5-3-R
Description	1 Port HDMI Transmitter	1 Port HDMI Receiver
Input	HDMI	RJ45 x 1
Output	RJ45 x 1	HDMI x 1
Resolutions	HD: 480i / 480p / 720p / 1080i / 1080p	
Max Distance	720p/1080i = 50m (165 feet) CAT5 720/1080i = 60m (200 feet) CAT6 1080p = 40m (130 feet) CAT5 1080p = 50m (165 feet) CAT6	
Video Bandwidth	Single-link 340MHz (10.2Gbps)	
Equalization	8-level digital control	
Power Supply	5V DC	
Power Consumption	1 Watts (max)	

HD ready 1080p WUXGA 1920x1200 HDCP

HDMI 1.3 Short Range Receiver

HDMI EXTENDER

SPECIFICATIONS

Model	HDMI-C5-R-M
Description	HDMI 1.3 Short Range Receiver
HDMI Compliance	HDMI 1.3c
HDCP Compliance	YES
Video Bandwidth	Single Link 225 MHz (6.75Gbps)
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p60
Resolution & Distance	Full HD: (1080p) ~15 meter (50feet) (CAT5e) / 20meter (66feet) (CAT6) HD: (720p/1080i)-30 meter (100feet) (CAT5e) / 35meter (120feet) (CAT6)
Audio Support	Surround Sound (up to 7.1 Ch) or Stereo Digital Audio
Input	1 x Rj45
Output	1 x HDMI
HDMI Connector	Type A (19 pin female)
RJ45 Connector	WE/SS 8P8C with 2 LED indicators
Dimensions	1.8" X 1" x 0.9" (L x W x H)
Power Consumption	0.5 Watt (max)

HDMI HDCP HD ready 1080p

FEATURES

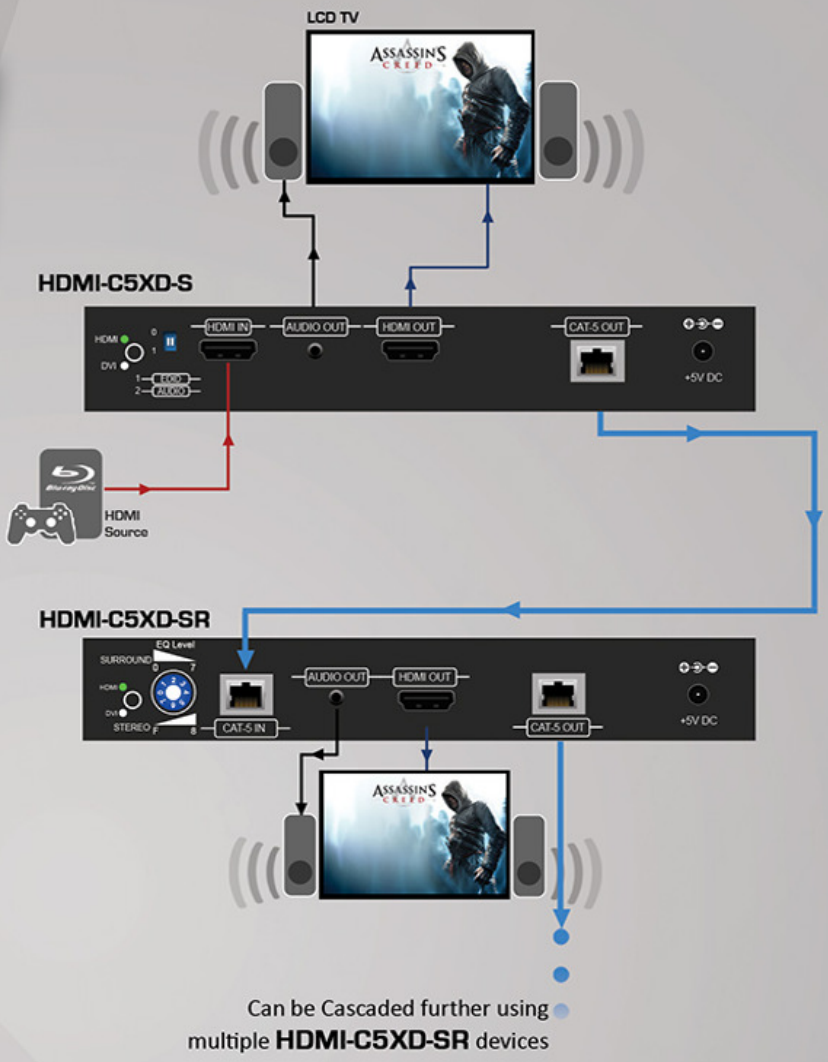
- HDMI 1.3c Compliant
- HDCP 1.1 compliant
- Extend the transmission length up to 30m (100ft) from HDMI sources under HD resolution (1080i or 720p)
- Extend the transmission length up to 15m (50ft) from HDMI sources under Full HD resolution (1080p)
- Perfectly integrated with other HDMI-C5-3 Series

HDMI EXTENDER

HDMI 1.3 Transmitter / Repeater over Single CAT5 with Local Output

FEATURES

Silicon Image chipset embedded for best quality, compatibility and reliability
HDMI 1.3c compliant
HDCP compliant
Regenerates the HDMI signal
Supports Audio Output
Supports default HDMI EDID and has the ability to learn the EDID of the displays
Regenerates the HDMI signal
Supports default HDMI EDID and has the ability to learn the EDID of displays
Extends up to 15m (50ft) of input HDMI cable
Extends up to 15m (50ft) of output HDMI cable
Extends up to 60m (200ft) (720p / 1080i) of output CAT5/6 cable
Extends up to 40m (130ft) (1080p) of output CAT5/6 cable
Pure unaltered uncompressed 7.1ch digital HDMI over LAN cable transmission
Allows cascading
1U rack mountable with interlocking power adapter for fixedness



Can be Cascaded further using multiple **HDMI-C5XD-SR** devices

SPECIFICATIONS

Model	HDMI-C5XD-S	HDMI-C5XD-SR
Description	HDMI 1.3 Transmitter with Local Output	HDMI 1.3 Transceiver with Local Output
HDMI Compliance	HDMI 1.3c	
HDCP Compliance	YES	
Video Bandwidth	Single Link 225 MHz (6.75Gbps)	
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p60	
Resolution and Distance	Full HD: (1080p) ~ 40meter (130feet) (CAT5e) / 50meter (165feet) (CAT6) HD: (720p/1080i) ~ 50meter (165feet) (CAT5e) / 60meter (200feet) (CAT6)	
Audio Support	Surround Sound (up to 7.1 Ch) or Stereo Digital Audio	
Input	1 x HDMI	1 x RJ45
Output	1 x HDMI 1 x Rj45 1 x 3.5mm Audio	1 x HDMI 1 x RJ45 1 x 3.5mm Audio
Power Consumption	3 Watt (max)	

HDMI HDCP HD ready 1080p

HDMI EXTENDER

4 Port HDMI 1.3 Extender / Splitter over Single CAT5

FEATURES

Silicon Image chipset embedded for best quality, compatibility and reliability
HDMI 1.3c and HDCP compliant
Regenerates the HDMI signal
Acts as 2X1 HDMI Switch and 1X4 HDMI over CAT5 Splitter
Supports default HDMI EDID and has the ability to learn the EDID of the displays
Extends up to 60m (200ft) (720p / 1080i) of output CAT5/6 cable
Extends up to 40m (130ft) (1080p) of output CAT5/6 cable
Uncompressed 7.1ch digital HDMI over CAT-5 cable
Allows cascading
1U rack mountable with interlocking power adapter
Perfectly integrates with other HDMI-C5XD Series

SPECIFICATIONS

HDMI HDCP TRUEHD

Model	HDMI-C5SP-4
Description	HDMI 1.3 Transmitter / Splitter over CAT5 / CAT6
HDMI Compliance	HDMI 1.3c
HDCP Compliance	YES
Video Bandwidth	Single Link 225 MHz (6.75Gbps)
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p60
Resolution and Distance	Full HD: (1080p) ~ 40meter (130feet) (CAT5e) / 50meter (165feet) (CAT6) HD: (720p/1080i) ~ 50meter (165feet) (CAT5e) / 60meter (200feet) (CAT6)
Audio Support	Surround Sound (up to 7.1 Ch) or Stereo Digital Audio
Input	2 x HDMI
Output	4 x Rj45
Power Supply	5V 4A DC
Power Consumption	10 Watt (max)

8 Port HDMI 1.3 Extender / Splitter over Single CAT5

HDMI EXTENDER

SPECIFICATIONS

Model	HDMI-C5SP-8
Description	HDMI 1.3 Transmitter / Splitter over CAT5 / CAT6
HDMI Compliance	HDMI 1.3c
HDCP Compliance	YES
Video Bandwidth	Single Link 225 MHz (6.75Gbps)
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p60
Resolution and Distance	Full HD: (1080p) ~ 40meter (130feet) (CAT5e) / 50meter (165feet) (CAT6) HD: (720p/1080i) ~ 50meter (165feet) (CAT5e) / 60meter (200feet) (CAT6)
Audio Support	Surround Sound (up to 7.1 Ch) or Stereo Digital Audio
Input	2 x HDMI
Output	8 x Rj45
Power Supply	5V 4A DC
Power Consumption	13 Watt (max)

HDMI HDCP TRUEHD

FEATURES

- Silicon Image chipset embedded for best quality, compatibility and reliability
- HDMI 1.3c and HDCP compliant
- Regenerates the HDMI signal
- Acts as 2X1 HDMI Switch and 1X4 HDMI over CAT5 Splitt
- Supports default HDMI EDID and has the ability to learn the EDID of the displays
- Extends up to 60m (200ft) (720p / 1080i) of output CAT5/6 cable
- Extends up to 40m (130ft) (1080p) of output CAT5/6 cable
- Uncompressed 7.1ch digital HDMI over CAT-5 cable
- Allows cascading
- 1U rack mountable with interlocking power adapter
- Perfectly integrates with other HDMI-C5XD Series

HDMI EXTENDER

2X8 HDMI 1.3 Splitter / Extender Over Single CAT5 Cascadable

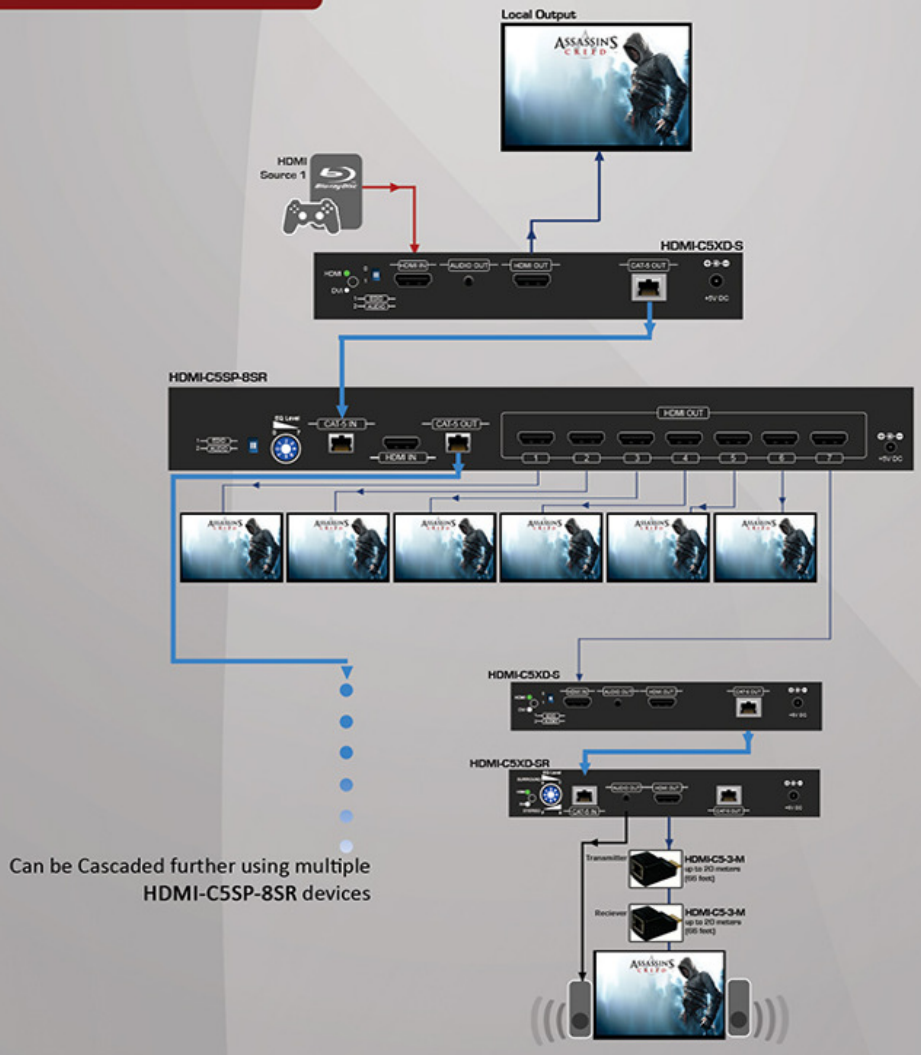
FEATURES

Silicon Image chipset embedded for best quality, compatibility and reliability
HDMI 1.3c compliant & HDCP compliant
Regenerates the HDMI signal
Acts as 2X1 HDMI Switch and 1X8 HDMI over CAT5 Splitter
HDMI video distribution to up to 7 displays and one CAT5e Receiver or cascade to another HDMI-C5SP-8SR
Supports default HDMI EDID and has the ability to learn the EDID of the displays
Input up to 15m (50ft) using HDMI cables
Extends up to 60m (200ft) (720p / 1080i) of output CAT5/6 cable
Outputs up to 15m (50ft) using HDMI cables
Pure unaltered uncompressed 7.1ch digital HDMI over LAN cable transmission
Allows cascading
1U rack mountable with interlocking power adapter for fixedness
Perfectly integrated with other HDMI-C5XD Series products

SPECIFICATIONS

Model	HDMI-C5SP-8SR
Description	2x8 HDMI 1.3 Transmitter / Splitter over CAT5 / CAT6 Cascadable
HDMI Compliance	HDMI 1.3c
HDCP Compliance	YES
Video Bandwidth	Single Link 225 MHz (6.75Gbps)
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p60
Resolution & Distance	Full HD: (1080p) ~ 40meter (130feet) (CAT5e) / 50meter (165feet) (CAT6) HD: (720p/1080i) ~ 50meter (165feet) (CAT5e) / 60meter (200feet) (CAT6)
Audio Support	Surround Sound (up to 7.1 Ch) or Stereo Digital Audio
Input	1 x HDMI / 1 x Rj45
Output	7 x HDMI / 1 x Rj45
Power Supply	5V 4A DC
Power Consumption	10 Watt (max)

HDMI HDCP HD ready 1080p



VGA EXTENDER

VGA Extender SET over Single CAT5

FEATURES

- Supports up to WUXGA [1920x1200@60] or UXGA [1600x1200@60] to 300m (1,000ft)
- Adjustable equalization and gain control on Receiver unit
- De-skew compensation available for RGB delay control
- Wall mounting case for better fixedness

SPECIFICATIONS

Model	VGA-C5R-S	VGA-C5R-R
Description	VGA Transmitter	VGA Receiver
Video Bandwidth	350MHz	
Video Support	VESA	
Supported Resolutions	Up to WUXGA (1920 x1200)	
Resolution and Distance	WUXGA 1920x 1200 at 300 meters (1000 feet)	
Audio Support	No	
Equalization	Continuous Analog Control	
Input	1 x VGA	1 x VGA
Output	1 x RJ45	1 x RJ45
Power Supply	5V 2A DC	
Power Consumption	5 Watt (max)	

WUXGA
1920x1200

VGA Extender with Audio SET over Single CAT5

VGA EXTENDER

FEATURES

- Supports up to WUXGA (1920x1200@60) to 300m (1,000ft)
- Supports Analog Stereo Audio and S/PDIF Digital Audio
- Adjustable equalization and gain control on Receiver unit
- De-skew compensation available for RGB delay control
- Wall mounting case for better fixedness

SPECIFICATIONS

Model	VGA-C5A-S	VGA-C5A-R
Description	VGA Transmitter with Audio	VGA Receiver with Audio
Video Bandwidth	350MHz	
Video Support	VESA	
Supported Resolutions	Up to WUXGA (1920 x1200)	
Resolution and Distance	WUXGA 1920x 1200 at 300 meters (1000 feet)	
Audio Support	Stereo	
Equalization	Continuous Analog Control	
Input	1 x VGA / 1 x 3.5mm	1 x RJ45
Output	1 x RJ45	1 x VGA / 1 x 3.5mm / 1 x RCA
Power Supply	5V 2A DC	
Power Consumption	5 Watt (max)	

WUXGA
1920x1200

VGA EXTENDER

VGA and RS232 Extender SET over Single CAT5

FEATURES

- Supports up to WUXGA [1920x1200@60] or UXGA [1600x1200@60] to 330m (1,000ft)
- Supports RS-232 half-duplex
- Adjustable equalization and gain control on RX unit
- De-skew compensation available for RGB delay control

SPECIFICATIONS

Model	VGA-C5RS-S	VGA-C5RS-R
Description	VGA Transmitter with RS232	VGA Receiver with RS232
Video Bandwidth	350MHz	
Video Support	VESA	
Supported Resolutions	Up to WUXGA (1920 x1200)	
Resolution and Distance	WUXGA 1920x 1200 at 300 meters (1000 feet)	
Equalization	Continuous Analog Control	
Input	1 x VGA / 1 x RS232	1 x RJ45
Output	1 x RJ45 / 1 x VGA	1 x VGA / 1 x RS232
Power Supply	5V 2A DC	
Power Consumption	5 Watt (max)	

WUXGA
1920x1200

VGA EXTENDER

VGA, Audio and RS232 Extender SET over Single CAT5

FEATURES

- Supports up to WUXGA (1920x1200) to 300m (1,000ft)
- Supports Analog Stereo Audio and S/PDIF Digital Audio
- Adjustable equalization and gain control on Receiver unit
- De-skew compensation available for RGB delay control
- Wall mounting case for better fixedness

SPECIFICATIONS

Model	VGA-C5ARS-S	VGA-C5ARS-R
Description	VGA Transmitter with Audio & RS232	VGA Receiver with Audio & RS232
Video Bandwidth	350MHz	
Video Support	VESA	
Supported Resolutions	Up to WUXGA (1920 x1200)	
Resolution and Distance	WUXGA 1920x 1200 at 300 meters (1000 feet)	
Audio Support	Stereo	
Equalization	Continuous Analog Control	
Input	1 x VGA / 1 x RS232 2 x 3.5mm / 1 x RCA 1 x RS-232	1 x RJ45 1 x 3.5mm
Output	1 x RJ45 / 1 x VGA 2 x 3.5mm / 1 x RCA	1 x VGA / 1 x RS232 1 x RCA / 1 x 3.5mm
Power Supply	5V 2A DC	
Power Consumption	6 Watt (max)	

WUXGA
1920x1200

VGA EXTENDER

4 / 8 / 16 Port VGA Extender / Splitter

FEATURES

- Supports up to WUXGA (1920x1200@60) to 300m (1,000ft)
- Supports Analog Stereo Audio and S/PDIF Digital Audio
- Adjustable equalization and gain control on Receiver unit
- De-skew compensation available for RGB delay control
- Available in 4/8/16 Ports

WUXGA
1920x1200

SPECIFICATIONS

Models	VGA-C5-SP-4 / VGA-C5-SP-8 / VGA-C5-SP-16
Description	4 / 8 / 16 Port VGA Extender Splitter
Video Bandwidth	350MHz
Video Support	VESA
Supported Resolutions	Up to WUXGA (1920 x1200)
Resolution and Distance	WUXGA 1920x 1200 at 300 meters (1000 feet)
Audio Support	Stereo
Equalization	Continuous Analog Control
Input	1 x VGA / 1 x RCA / 1 x 3.5mm Audio
Output	2 x VGA / 2 x RCA / 2 x 3.5mm
RJ45 Input	4 / 8 / 16 x RJ45
Power Supply	5V 4A DC
Power Consumption	10 / 10 / 25 Watt (max)

VGA Receiver with RGB Delay Control

VGA EXTENDER

SPECIFICATIONS

Model	VGA-C5AV-R
Description	VGA Receiver with RGB Delay Control
Video Bandwidth	350MHz
Video Support	VESA
Supported Resolutions	Up to WUXGA (1920 x1200)
Resolution and Distance	WUXGA 1920x 1200 at 300 meters (1000 feet)
Audio Support	Stereo
Equalization	Continuous Analog Control
Input	1 x RJ45
Output	1 x VGA / 1 x 3.5mm / 1 x RCA
Power Supply	5V 2A DC
Power Consumption	5 Watt (max)

FEATURES

- Supports up to WUXGA (1920x1200@60) to 300m (1,000ft)
- Supports Analog Stereo Audio and S/PDIF Digital Audio
- Adjustable equalization and gain control on Receiver unit
- De-skew compensation available for RGB delay control
- Wall mounting case for better fixedness

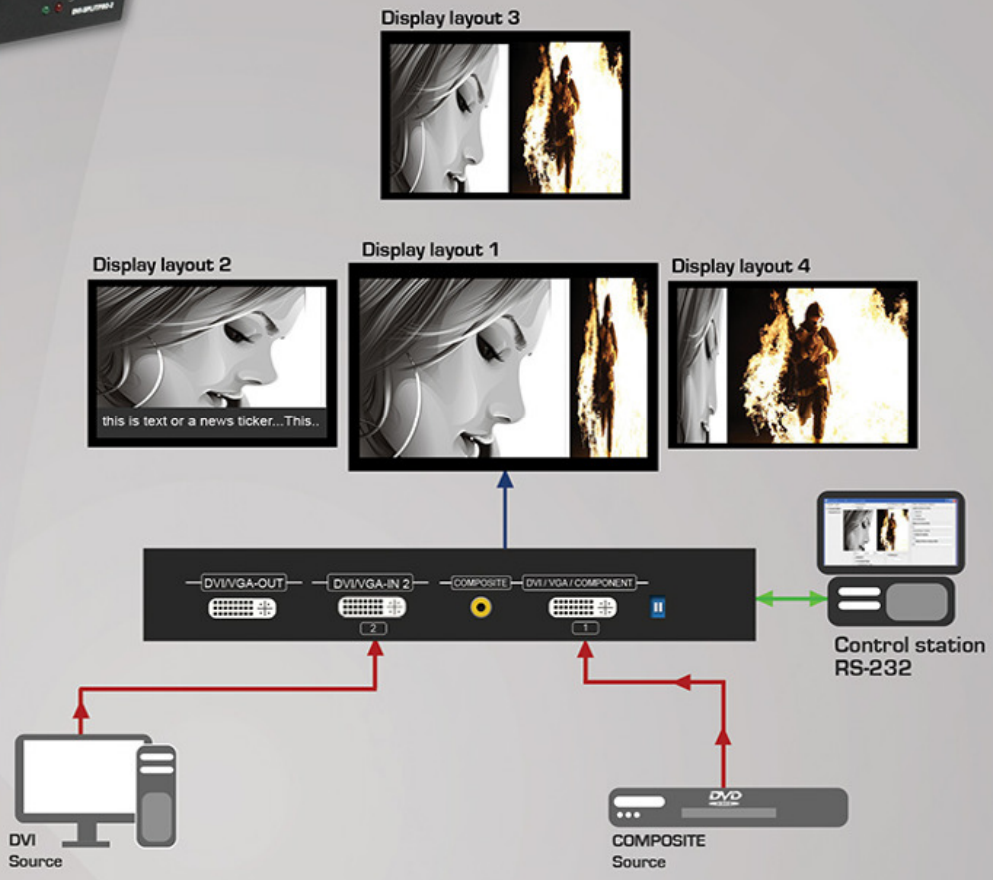
WUXGA
1920x1200

VIDEO PROCESSORS

Dual Screen Video Processor

FEATURES

- Three graphic (DVI / VGA) and two video (Component / Composite) Inputs, from 640x480 to 1920x1200, (Only two can be used simultaneously)
- Interlaced or progressive.
- Dual outputs (DVI / VGA), 640x480 to 1920x1200.
- PIP, PAB, Full screen modes and adjustable size & position through software.
- Create titles, borders and colored backgrounds.
- Resize, position and zoom output video.
- Can be cascaded to obtain more images.
- Image parameters and layouts are automatically saved in flash memory and can be recalled for later use.
- Several Image parameters and layouts can be saved in computers and can be loaded for later use.
- Video parameters adjustable (brightness, contrast, color temperature, etc.).
- User-selectable output settings, up to 1920x1200.
- Perfectly as a video screen splitter, a video converter and a video switcher.
- Firmware upgradable for support of new features and technology enhancements.
- IR control and software control through RS-232.
- Portable size.
- Automatic power-saving mode.



SPECIFICATIONS

Model	DVI-SPLITPRO-2	DVI-SPLITPRO-2B
Description	Dual Screen Video Image Processor	Dual Screen Video Image Processor with Dual DVI
Video Bandwidth	DVI Single Link - 4.95Gbps Component - 30 MHz Composite – 13.5 MHz	
	VGA - 165 MHz	--
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p (60) / 1920x1200@75 / 1600x1200@60	
Audio Support	No	
Control	RS232 & IR	
Embedded Video Mixer	Yes	
Ability to Cascade	Yes	
Input TMDS Signal	1.2 Volts (peak – peak)	
ESD Protection	Human body model - ± 15kV (air gap discharge) & ±8kV (contact discharge)	
Input	VGA x 1 / DVI x 1 / Composite x 1 / RS232 x 1	
Output	DVI x 1	
DVI Connector Type	DVI-I (29-Pin female)	
VGA Connector Type	HD-15 (15-pin D-sub female)	--
IR Remote Control	Yes	
Power Consumption	10 Watts (max)	

VIDEO PROCESSORS

Quad Screen Video Processor

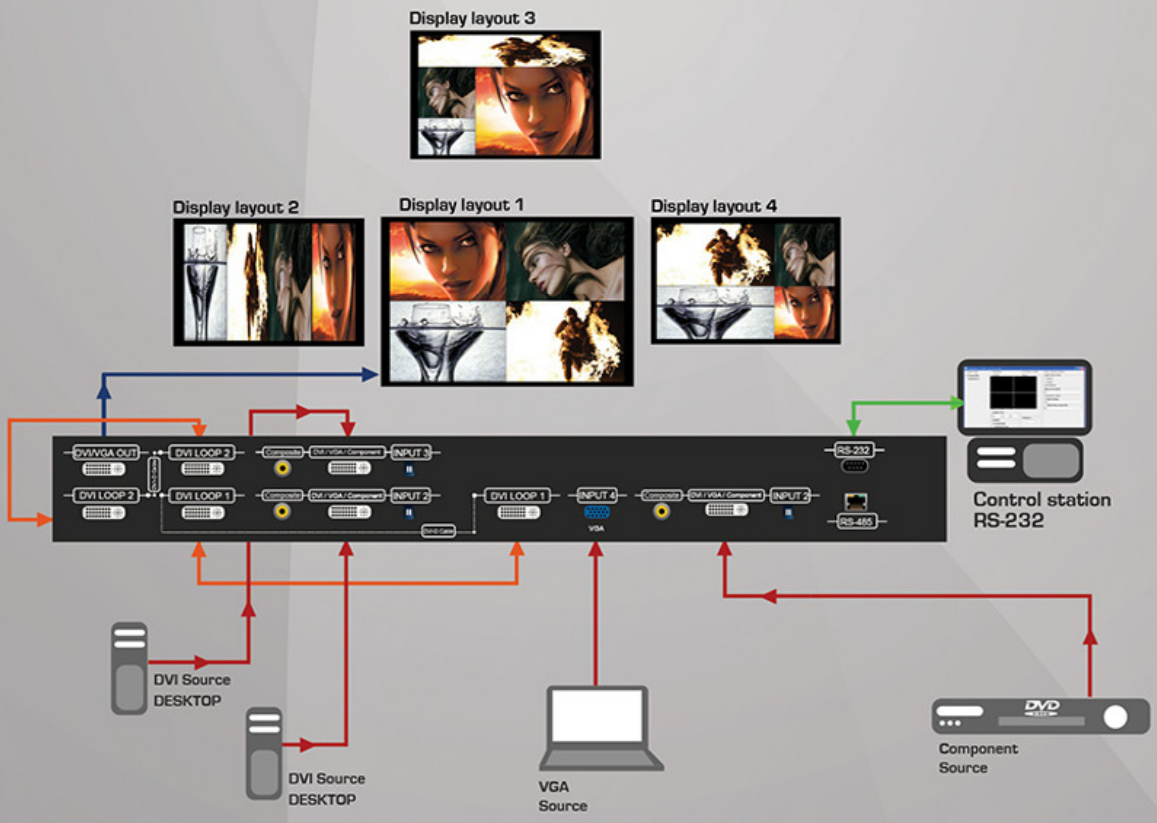
FEATURES

Four VGA, three DVI, three component and three com posite inputs, from 640x480 to 1920x1200, interlaced or progressive.
Dual outputs (DVI / VGA), 640x480 to 1920x1200.
Adjustable size& position through software.
Titles, borders and colored backgrounds.
Resize, position and zoom output video.
Can be cascaded to obtain more images.
Image parameters and layouts are automatically saved in flash memory and can be recalled for later use.
Several Image parameters and layouts can be saved in computers and can be loaded for later use.
Video parameters adjustable (brightness, contrast, color temperature, etc.).
User-selectable output settings, up to 1920x1200.
Perfectly as a video screen splitter, a video converter and a video switcher.
Firmware upgradable for support of new features and technology enhancements.
Software control through RS-232/RS-485 over Cat-5.
1U size.
Automatically power-saving mode.

SPECIFICATIONS

Model	DVI-SPLITPRO-4
Dual Output Support	Yes (DVI & VGA)
Video Bandwidth	DVI Single Link - 4.95Gbps - VGA - 165 MHzComponent - 30 MHz
	S-Video – 13.5 MHz - Composite – 13.5 MHz
Supported Resolutions	480i / 480p / 720p / 1080i / 1080p (60) / 1920x1200@75 / 1600x1200@60
Audio Support	No
Control	RS232 / RS485
Embedded Video Mixer	Yes
Ability to Cascade	Yes
Input TMDS Signal	1.2 Volts (peak – peak)
ESD Protection	Human body model - ± 15kV (air gap discharge) & ±8kV (contact discharge
Input	1 x VGA / 3 x DVI / 3 x Composite / 1 x RS232 / 1 x RS485
Output	1 x DVI

dvi digital visual interface HD ready 1080p WUXGA 1920x1200



VIDEO PROCESSORS

4 Display Video Wall Processor

FEATURES

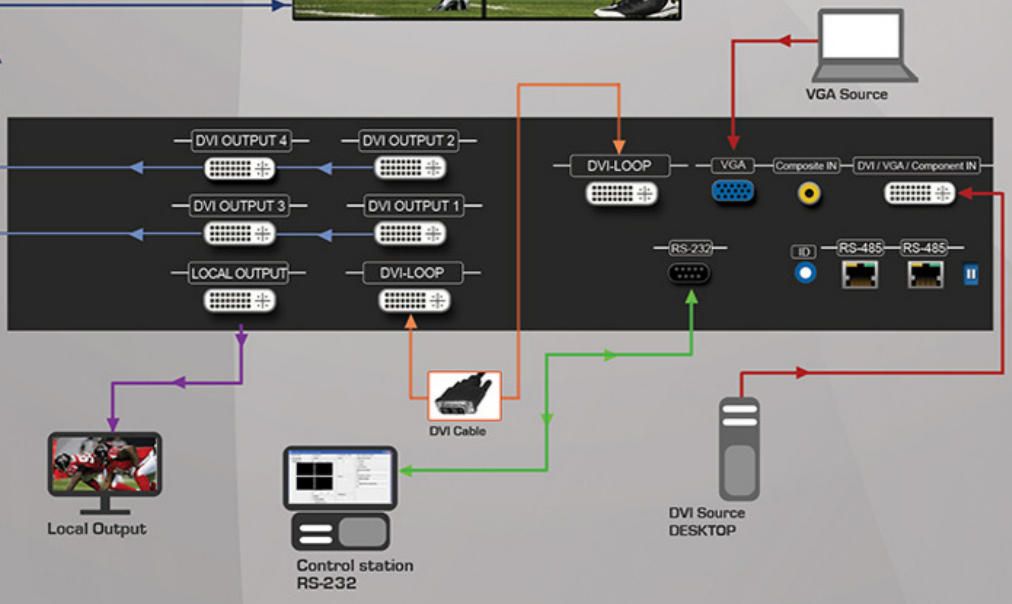
- Five DVI outputs from 640x480 to 1920x1200 with a local loop out for monitoring
- Supports HDMI, DVI, S-Video, CVBS, Component, and VGA input, from 640x480 to 1920x1200, interlaced or progressive
- Advanced video de-interlace for improving 480i and 576i SD video input
- PIP, PAB, Full screen modes and adjustable size & position through software
- Resize, position, & zoom output video
- Perfectly as a video screen splitter, a video converter and a video switcher
- Each DVI output has an independent controllable display area
- User-selectable output settings, up to 1920x1200
- Can be cascaded to obtain more displays
- Image parameters and layouts are automatically saved in flash memory of the device and can be recalled for later use
- Several Image parameters and layouts can be saved in computers and can be loaded for later use
- Software control through RS-232/RS-485
- Built-in long distance RS-232 control port over Cat-5e
- Firmware upgradable for support of new features and technology enhancements
- Built-in factory reset switch
- 2U size

SPECIFICATIONS

Model	DVI-VIDEOWALL-4X
Description	4 Display Video Wall Processor
Video Format Support	HDMI / DVI / VGA / Component / S-Video / Composite
	(Only one Digital and one Analog can be input simultaneously)DVI & VGA
Dual Output Support	Yes
Local Output	DVI (Single Link 4.95Gbps)
Video Bandwidth	VGA (165MHz)
Supported Resolutions	Up to 1920x1200@60Hz
Audio Support	No
System Control	RS-232 / RS-485
Cascadable	Yes
Input TMDS Signal	1.2 Volts (peak-to-peak)
Input DDC Signal	5 Volts (peak-to-peak, TTL)
ESD Protection	- Human body model — ±15kV (air-gap discharge) & ±8kV
	(contact discharge) - Core chipset — ±8kV
Input Connectors	DVI x 1 / S-Video x 1 / RS232 x 1 / RS485 x 1
Output Connectors	DVI x 5
Input Selection	Push Button / IR Remote / RS232
Power Supply	AC Power 100~240V
Power Consumption	60 Watt (max)

HD ready 1080p

WUXGA 1920x1200



VIDEO PROCESSORS

9 Display Video Wall Processor

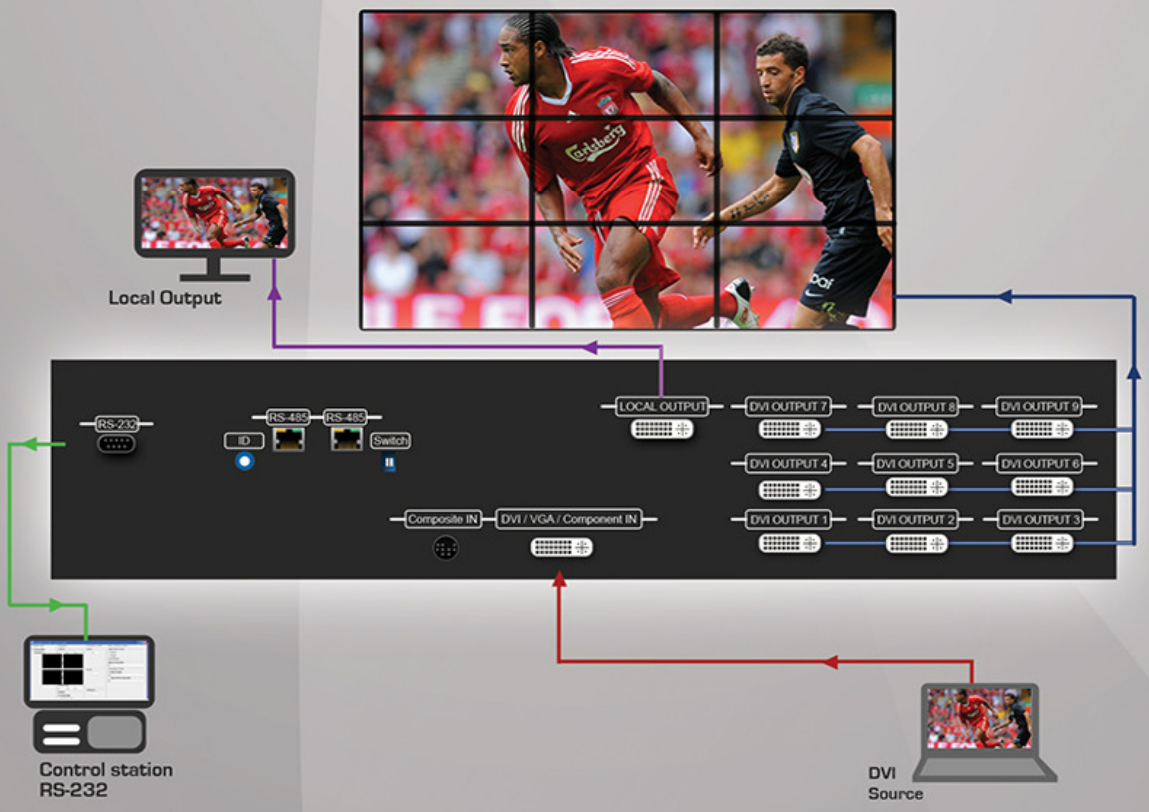
FEATURES

Nine DVI outputs from 640x480 to 1920x1200 with a local loop out for monitoring
Supports HDMI, DVI, S-Video, Composite, Component, and VGA input,
Advanced video de-interlace for improving 480i and 576i SD video input
PIP, PAB, Full screen modes and adjustable size & position through software
Resize, position and zoom output video
Perfectly as a video screen splitter, a video converter and a video switcher
Each DVI output has an independent controllable display area
User-selectable output settings, up to 1920x1200
Can be cascaded to obtain more displays
Image parameters and layouts are automatically saved in flash memory of the device and can be recalled for later use
Several Image parameters and layouts can be saved in computers and can be loaded for later use
Software control through RS-232/RS-485
Built-in long distance RS-232 control port over Cat-5
Firmware upgradable for support of new features and technology enhancements
Built-in factory reset switch
2U size

SPECIFICATIONS

Model	DVI-VIDEOWALL-9X
Video Format Support	HDMI / DVI / VGA / Component / S-Video / Composite
Dual Output Support	DVI & VGA
Local Output	Yes
Video Bandwidth	DVI (Single Link 4.95Gbps) / VGA (165MHz)
Supported Resolutions	Up to 1920x1200@60Hz
System Control	RS-232 / RS-485
Cascadable	Yes
Input TMDS Signal	1.2 Volts (peak-to-peak)
Input DDC Signal	5 Volts (peak-to-peak, TTL)
Input	DVI x 1 / S-Video x 1 / RS232 x 1 / RS485 x 1
Output	DVI x 9
Input Selection	Push Button / IR Remote / RS232

dvi digital visual interface HD ready 1080p WUXGA 1920x1200



VIDEO CONVERTERS

Universal Video Converter / Scalar with Audio

FEATURES

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant
- Scales up and down VESA compliant formats (VGA and DVI)
- Scales SD/ED/HD video inputs to VESA compliant formats
- PIP and PAP support
- Advanced video processing supports: noise reduction, color management, flesh tone control, dynamic contrast control, closed caption support for CVBS, 3-D de-interlacing, 3:2/2:2 pull down detection and recovery.
- Selectable analog stereo and S/PDIF audio support for HDMI audio
- RS-232 Firmware upgradable.
- Equivalent to 4x1 video switch
- Video output supports up to WUXGA or 1080p
- Dual DVI and VGA outputs
- Internal Timer
- Versatile IR control

SPECIFICATIONS

Model	C-SC-UNI
Description	Universal Video Converter / Scalar with Audio
HDMI Compliance	HDMI 1.2a / HDCP 1.1
DVI Compliance	DVI 1.1
Video Bandwidth	Single Link: 165MHz (4.95Gbps)
Video Support	Single Link: up to 1080p 60, WUXGA (1920x1200@60Hz)
Audio Support	Stereo (24 bit ADC) /S/PDIF
Input	1 x DVI / 1 x S-Video
Output	1 x DVI / 1 x RS232 / 1 x RCA Digital Audio / 1 x 3.5mm
PIP/PAP	Yes
Power Supply	5V 4A DC
Power Consumption	10 Watts (max)

dvi digital visual interface HDMI WUXGA 1920x1200

Component to HD/SD-SDI Converter

VIDEO CONVERTERS

SPECIFICATIONS

Model	C-COMP-HDSDI
Description	Component to HD/SD-SDI Converter
SDI Standards	SD-SDI & HD-SDI
Auto HD/SD-SDI Detection	Yes
Video Bandwidth	1.485Gbps & 1.485/1.001 Gbps
Video Support	HD: 720p50/ 59.94 / 60, 1035i50 / 59.94 / 60, 1080i50 / 59.94 / 60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz
Input Signal	Component Video
Output Signal	SD-SDI: SMPTE 259M HD-SDI: SMPTE 292M, 296M
Output Impedance	75Ω
Analog /Digital Conversion	12 bits
Synchronization Mode	Internal SYNC or External SYNC
Cable Transmission	HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)
Loop Out	None
Audio Support	No
Input	3x BNC (component Y / Pb / Pr) 1x BNC (external sync)
Output	3 x BNC (SDI)
Power Consumption	10 Watts (max)

FEATURES

- High quality 12-bit Analog to Digital conversion
- 3 HD/SD-SDI outputs
- Auto detects HD/SD-SDI signal
- Supported HD formats: 1080i @50/59.94/60Hz, 1035i @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supports SD Formats: NTSC @ 59.94Hz, PAL @ 50 Hz
- Equipped with 2 equalized loop outs
- External DIP switch configuration

HD-SD

VIDEO CONVERTERS

HDMI to 3G/HD/SD-SDI Converter

FEATURES

- Auto detects 3G/HD/SD-SDI signal
- Supported standard-definition (SD) formats: NTSC @59.94Hz, PAL @50Hz
- Supported high-definition (HD) formats:
- 1080i @50/59.94/60Hz, 1035i @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supported 3G formats(SMPTE 425M, Level A):
  - o 1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4), 720p @24/25/50/59.94/60Hz (4:4:4)
- External DIP switch configuration

HD-SD HDMI

SPECIFICATIONS

Model	C-HDMI-3GHDSDI
Description	HDMI to 3G/HD/SD-SDI Converter
SDI Standards	SD-SDI, HD-SDI, 3G-SDI
Auto HD/SD-SDI Detection	Yes
Video Bandwidth	2.970Gbps, 2.970/1.001Gbps
Video Support	3G: 1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4), 720p @24/25/50/59.94/60Hz (4:4:4) HD: 720p @50/59.94/60, 1035i @50/59.94/60, 1080i @50/59.94/60, 1080p @24/30 SD: NTSC@59.94Hz, PAL@50Hz
Input Signal	HDMI
Output Signal	SDI
Output Impedance	75Ω
Cable Equalization	3G-SDI: up to 60m (200 ft) HD-SDI: up to 150m (500ft) SD-SDI: up to 300m (1000ft)
Loop Out	2 equalized and reclocked SDI loop-outs
Audio Support	Yes
Input	1 x HDMI
Output	2 x BNC (SDI)
Power Consumption	3 Watts (max)

3G/HD/SD-SDI to HDMI Converter

VIDEO CONVERTERS

FEATURES

- Supported 3G formats(SMPTE 425M, Level A): 1080p @50/59.94/60Hz (4:2:2)
- Supported high-definition (HD) formats: 1080i @50/59.94/60Hz, 1035i @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supported standard-definition (SD) formats: NTSC @59.94Hz, PAL @50Hz
- Auto 3G/HD/SD-SDI detection
- Two equalized and re-clocked loop outputs
- External DIP Switch Configuration

HD-SD HDMI

SPECIFICATIONS

Model	C-3GHDSDI-HDMI
Description	3G/HD/SD-SDI to HDMI Converter
SDI Standards	3G-SDI / HD-SDI / SD-SDI
Auto 3G/HD/SD-SDI Detection	Yes
Video Bandwidth	3G: 1080p @50/59.94/60Hz (4:2:2) HD: 720p @50/59.94/60Hz, 1035i @50/59.94/60Hz, 1080i @50/59.94/60Hz SD: NTSC @59.94Hz, PAL @50Hz
Input Signal	3G-SDI: SMPTE 424M/425M HD-SDI: SMPTE 292M, 296M SD-SDI: SMPTE 259M
Output Signal	HDMI
Audio Mode	7.1 / 5.1 / Stereo
Eye Pattern Characteristics	Extra low alignment jitter 0.05μi at HD
Cable Equalization	3G-SDI: up to 60m (200 feet) HD-SDI: up to 150m (500 feet) SD-SDI: up to 300m (1000 feet)
Loop Out	2 equalized and re-clocked SDI Loop Outs
Audio Support	Yes
Input	BNC x 1 (SDI)
Output	HDMI x 1 / BNC x 2 (SDI)
DIP Switch	4 pin (output format / audio format / audio group / 3G level)
Power Supply	5V 4A DC
Power Consumption	3 Watts (max)

VIDEO CONVERTERS

Component with Audio to HDMI Converter

FEATURES

- HDMI 1.2a compliant
- Support VGA resolution of up to UXGA (1600x1200 or WUXGA (1920x1200)
- Supports HD (1080i / 720p) component video
- Coaxial S/PDIF audio input
- Stereo analog audio input
- Front panel LED indicators
- Easy installation

SPECIFICATIONS

Models	C-COMPVGA-HDMI
Description	Component/VGA with Audio to HDMI Converter
HDMI Compliance	HDMI 1.2a
Video Bandwidth	165MHz (4.95Gbps)
Video Support	Single Link: 1080p 60, WUXGA (1920x1200@60Hz) Component Video: 720p / 1080i
Audio Support	Stereo Audio
Input	1 x VGA / 1 x RCA / 1 x 3.5mm
Output	1 x HDMI
Power Supply	5V 2A DC
Power Consumption	4 Watts (max)

HDMI WUXGA 1920x1200

Component to VGA Converter with Audio

VIDEO CONVERTERS

SPECIFICATIONS

Model	C-COMP-VGA
Description	Component to VGA Converter / Switch
Video Bandwidth	400 MHz for VGA / 70 MHz for Component
Input Connectors	VGA x 1 / Component x 1 / Audio x 2
Output Connectors	VGA x 1 / Audio x 1
Supported Resolution	Up to 1600 x1200

FEATURES

- Automatic conversation between Component and VGA
- Supports PC video display resolutions of up to UXGA (1600x1200 @ 75Hz)
- Component supports 480p, 576p, and 720p
- Stereo audio switch

VIDEO CONVERTERS

VGA De-Skew Controller

FEATURES

- Control the delay of VGA colors individually
- Applicable for Component video (YPbPr)
- Stores the recent state of the adjustment
- Push buttons for delay compensation
- Work with the long distance transmitted VGA signal
- Portable size

WUXGA 1920x1200

SPECIFICATIONS

Model	C-VGA-DSKW
Description	VGA / Component De-Skew Controller
Video Bandwidth	Single Link 122 MHz
Supported Resolutions	Up to WUXGA 1920x1200
Delay Controls	62ns for each color with 2ns delay step increments
Input	1 x VGA
Output	1 x VGA
Power Supply	5V 2A DC
Power Consumption	1 Watt (max)

VIDEO CONVERTERS

DVI with Digital Audio to HDMI Converter

FEATURES

- HDMI 1.2 compatible
- Fully HDCP compliant
- Supports DVI video bandwidth up to 4.95GPS
- Coaxial S/PDIF audio input
- Stereo analog audio input
- Front panel LED indicators
- Supports upto 1080p, 1920x1200

SPECIFICATIONS

Model	C-DVIA-HDMI
Description	DVI with Digital Audio to HDMI Converter
HDMI Compliance	HDMI 1.2a
Video Bandwidth	165MHz (4.95Gbps)
Video Support	Single Link: up to 1080p 60, WUXGA (1920x1200@60Hz)
Audio Support	Stereo Audio
Input	1 x DVI / 1 x RCA / 1 x 3.5mm
Output	1 x HDMI
Power Supply	5V 2A DC
Power Consumption	4 Watts (max)

dvi digital visual interface | HD ready 1080p | WUXGA 1920x1200

HDMI & DVI to Component & VGA Converter with Audio

VIDEO CONVERTERS

SPECIFICATIONS

Model	C-HDMI-COMPVGA
Description	HDMI & DVI to Component & VGA Converter with Audio
HDMI Compliance	HDMI 1.2a
DVI Compliance	DVI 1.1
Video Bandwidth	Single Link: 165MHz (4.95Gbps)
Video Support	Single Link: up to 1080p 60, WUXGA (1920x1200@60Hz)
Audio Support	Stereo Audio
Input	1 x DVI / 1 x HDMI
Output	1 x VGA (Component through VGA to Component Adapter) 1 x RCA Digital Audio / 1 x 3.5mm
Power Supply	5V 2A DC
Power Consumption	6 Watts (max)

FEATURES

- HDMI 1.2 compatible
- HDMI video input supports up to 1080p resolution
- Supports HD (1080i / 720p) component video output
- Supports up to WUXGA (1920x1200@60) PC graphics output
- Coaxial S/PDIF audio input
- Stereo analog audio input
- Front panel LED indicators and push button for switch between DVI or HDMI sources

HDMI | HD ready 1080p | WUXGA 1920x1200

VIDEO PROCESSORS

HDMI to DVI Converter with Audio

FEATURES

- Converts HDMI signal to DVI with Audio
- Supports up to 1080p HD resolution
- HDMI 1.2a compliant
- Fully compatible with HDCP devices
- Includes both S/PDIF and stereo analog audio outputs

SPECIFICATIONS

Model	C-HDMI-DVIA
Description	HDMI to DVI with Audio
HDMI Compliance	HDMI 1.2a
DVI Compliance	DVI 1.1
Video Bandwidth	Single Link: 165MHz (4.95Gbps)
Video Support	Single Link: up to 1080p 60, WUXGA (1920x1200@60Hz)
Audio Support	Stereo Audio
Input	1 x HDMI
Output	1 x DVI / 1 x RCA Digital Audio / 1 x 3.5mm
Power Supply	5V 2A DC
Power Consumption	4 Watts (max)

dvi digital visual interface HD ready 1080p WUXGA 1920x1200

VIDEO CONVERTERS

VGA to DVI Converter

FEATURES

- Converts VGA signal to DVI-D
- Compatible with DDWG DVI standards
- Manual screen control key for various resolutions
- DVI and VGA signal can be output simultaneously
- Supports upto 1600x1200

SPECIFICATIONS

Model	C-VGA-DVI
Input	VGA x 1
Output	DVI x 1 / VGA x 1
Frequency	165Mhz
Power Consumption	0.54 Watt (max)
Support Resolution	VGA / SVGA / XGA / SXGA / UXGA

dvi digital visual interface

VIDEO CONVERTERS

DVI-D to VGA Converter

FEATURES

- Converts DVI-D signal to VGA
- Compatible with DDWG DVI standards
- Supports upto 1920 X 1200

SPECIFICATIONS

dvi digital visual interface WUXGA 1920x1200

Model	C-DVI-VGA
Input	DVI-D Single Link
Output	Analog VGA
Frequency	165Mhz
Power Consumption	0.54 Watt (max)
Supported Resolution	VGA / SVGA / XGA / SXGA / UXGA / WUXGA

DISPLAYPORT CONVERTERS

FEATURES

Compliant with DisplayPort 1.1 specification for both 1.62 and 2.7 Gbps
Compliant with HDMI 1.3a specifications up to 2.25 Gbps
Compliant with DVI 1.1 specifications up to 1.62 Gbps
ESD protact: Human Body Mode at kV, Machine Mode at 400V and Charged Device Mode at 2 kV
Supports up to UXGA PC resolution and up to 1080p HD resolution
Standby mode current: 64uA
Cable link LED indicator

DisplayPort to DVI Converter

DisplayPort to HDMI Converter

DisplayPort to VGA Converter

Mini DisplayPort to DVI Converter

MINI DISPLAYPORT CONVERTERS

FEATURES

- Compliant with DisplayPort 1.1 specification for both 1.62 and 2.7 Gbps
- Compliant with HDMI 1.3a specifications up to 2.25 Gbps
- Compliant with DVI 1.1 specifications up to 1.62 Gbps
- ESD protact: Human Body Mode at kV, Machine Mode at 400V and Charged Device Mode at 2 kV
- Supports up to UXGA PC resolution and up to 1080p HD resolution
- Standby mode current: 64uA
- Cable link LED indicator

Mini DisplayPort to HDMI Converter

Mini DisplayPort to VGA Converter

VIDEO SPLITTERS

2 Port DVI Splitter

FEATURES

- Split 1 DVI-D source and display on 2 DVI displays
- Supports both PC monitor and HDTV display by function switch
- Supports HDCP compliant devices
- Compatible with DVI standard by DDWG
- Supports 480i, 480p, 720p and 1080i HD resolution
- Supports up to WUXGA (1920 x 1200) PC resolution

SPECIFICATIONS

Model	SPLIT-DVI-2
Description	1 Input 2 Output DVI Splitter
Input Chanel	1
Output Channel	2
Connector Type	DVI-D
Supported Resolutions	HDTV: 480i, 480p, 720i, 720p, 1080i
	PC: Supports up to WUXGA (1920x1200)

dvi digital visual interface WUXGA 1920x1200

VIDEO SPLITTERS

5 Port DVI Splitter

FEATURES

- Split 1 DVI-D source and display on 5 DVI monitors / TV / projectors
- Supports both PC monitor and HDTV display by function switch
- Supports HDCP compliant devices
- Compatible with DVI standard by DDWG
- Supports 480i, 480p, 720p and 1080i HD resolution
- Supports up to WUXGA (1920 x 1200) PC resolution

SPECIFICATIONS

Model	SPLIT-DVI-5
Description	1 Input 5 Output DVI Splitter
Input Chanel	1
Output Channel	5
Connector Type	DVI-D
Supported Resolutions	HDTV: 480i, 480p, 720i, 720p, 1080i
	PC: Supports up to WUXGA (1920x1200)

dvi digital visual interface WUXGA 1920x1200

VIDEO SPLITTERS

4 Port HD/SD-SDI Video Splitter with Re-Clocking

FEATURES

- 1 input 4 output HD/SD distribution amplifier
- 4 separately buffered outputs
- HD cable equalization (Beldon 1694A)
- Passes all ancillary data
- Provides automatic input cable equalization up to 300 meters (1000 feet)

HD-SD

SPECIFICATIONS

Model	SPLIT-HDSDI-4-RS	
Description	4 Port HD/SD-SDI Video Splitter with Reclocking	
Standards	SD-SDI & HD-SDI	
Auto HD/SD-SDI Detection	Yes	
Supported Protocols	SMPTE 259M, SMPTE 292M / HDTV (1.485Gbps and 1.485/1.001Gbps)	
Video Bandwidth	1.485Gpbs & 1.485/1.001Gbps	
Data Rates	270 / 1483 / 1485 Mbps	
Supported Video	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60,	
	1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz	
SDI Signal Type	SMPTE-292M, SMPTE-259M	
Cable Equalization	HD-SDI: up to 150m (500ft)	SD-SDI: up to 300m (1000ft)
Reclocking Function	Yes	No
Input Connectors	BNC x 1 (SDI)	
Output Connectors	BNC x 4 (SDI)	
Eye Pattern Characteristics	Amplitude: Within 800mV ±3% (<10%) - Rise overshoot: Less than 2% (<10%) Fall overshoot: Less than 2% (<10%) - Long time jitter: 0.195µ (<1.0µ) Timing jitter: 0.195µ (<1.0µ) - Alignment jitter: 0.127µ (<0.2µ)	
Power Consumption	10 Watts (max)	

6 Port HD/SD-SDI Video Splitter with Re-Clocking

VIDEO SPLITTERS

FEATURES

- 1 input 6 output HD/SD distribution amplifier
- 6 separately buffered outputs
- HD cable equalization (Beldon 1694A)
- Passes all ancillary data
- Provides automatic input cable equalization up to 300 meters (1000 feet)

HD-SD

SPECIFICATIONS

Model	SPLIT-HDSDI-6-RS	
Description	6 Port HD/SD-SDI Video Splitter with Reclocking	
Standards	SD-SDI & HD-SDI	
Auto HD/SD-SDI Detection	Yes	
Supported Protocols	SMPTE 259M, SMPTE 292M / HDTV (1.485Gbps and 1.485/1.001Gbps)	
Video Bandwidth	1.485Gpbs & 1.485/1.001Gbps	
Data Rates	270 / 1483 / 1485 Mbps	
Supported Video	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60,	
	1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz	
SDI Signal Type	SMPTE-292M, SMPTE-259M	
Cable Equalization	HD-SDI: up to 150m (500ft)	SD-SDI: up to 300m (1000ft)
Reclocking Function	Yes	No
Input Connectors	BNC x 1 (SDI)	
Output Connectors	BNC x 6 (SDI)	
Eye Pattern Characteristics	Amplitude: Within 800mV ±3% (<10%) - Rise overshoot: Less than 2% (<10%) Fall overshoot: Less than 2% (<10%) - Long time jitter: 0.195µ (<1.0µ) Timing jitter: 0.195µ (<1.0µ) - Alignment jitter: 0.127µ (<0.2µ)	
Power Consumption	10 Watts (max)	

VIDEO SWITCHES

4 / 8 Port VGA Switch with Audio

FEATURES

- VGA/component/S-video/composite switch with 350MHz bandwidth
- Up to 8 graphics/video inputs
- Automatic detection of the VGA/component input
- Amplified video output with transmission length up to 65m (210-ft)
- Multiple control by IR remote, push button, and RS-232 control
- 1U rack mountable

TRUEHD HDMI

SPECIFICATIONS

Model	VGA-VS-4X1 / VGA-VS-8X1
Supported Input/ Output	VGA Component (through VGA to Component Adapter)
Video Bandwidth	350MHz
Supported Video	HD: 1080p60 SD: WUXGA (1920x1200@60)
Transmission	HD (720p / 1080i) – 65meters (210 feet)
Audio Support	Analog Stereo
Input	VGA x 4/8 / 3.5mm Analog Audio x 4/8
Output	VGA x 1 / 3.5mm Analog Audio x 1
VGA Connector	HD-15 (15-pin D-sub female)
RS232 Connector	DE-9 (9-pin D-sub female)
Audio Connector	3.5mm Analog Audio Jack
Input Selection	IR Remote / Push Button / RS232 Control
Power Supply	5V 4A DC
Power Consumption	7 / 13 Watts (max)

4 Port HDMI Switch

VIDEO SWITCHES

FEATURES

- Auto cycle scanning function with interval adjustment
- Three switch modes:
  - Automatic Switching
  - Manual Switching
  - Remote Control
- HDMI 1.3 and HDCP Compliant
- Supports full 1080p Resolution
- IR Remote Control
- Optional IR Receiver extension can be added to the system for extended remote control
- Built-in equalizer to fine tune picture quality

SPECIFICATIONS

Model	HDMI-VS-4X1
Description	4 Input to 1 Display HDMI Switch
Input	HDMI Female x 4
Output	HDMI Female x 1
Supported Resolution	480i, 480p, 720i, 720p, 1080i, 1080p
Switching Mode	Automatic, Manual Button, Remote Control
Remote Control Distance	10m (33 feet)
Supported Signal	HDMI 1.3, HDCP, DVI

TRUEHD HDMI

VIDEO MATRIX SWITCHES

8X8 HDMI 1.3 Matrix Switch with Receivers

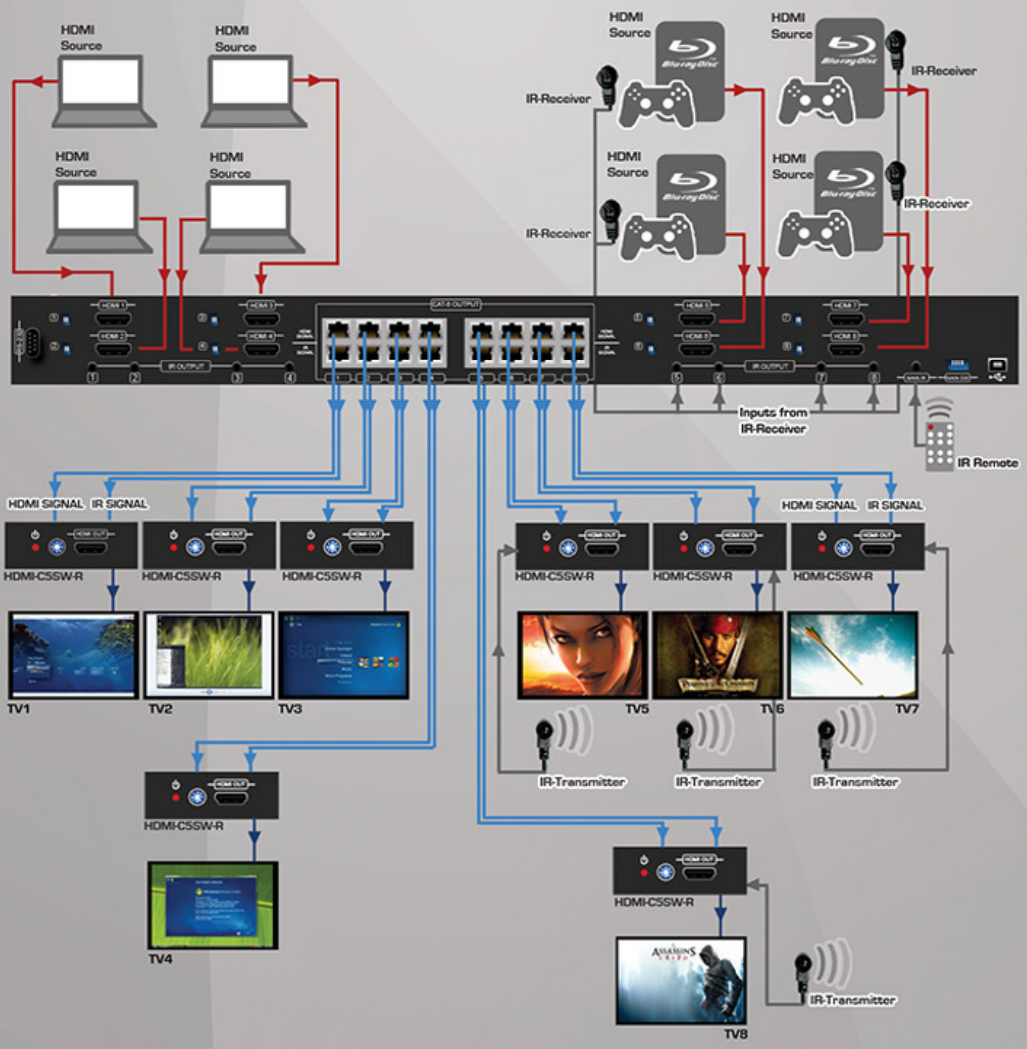
FEATURES

HDMI 1.3c compliant
HDCP compliant
Allows any source to be displayed on multiple displays at the same time
Allows any HDMI display to view any HDMI source at any time
Supports 7.1 channel digital audio
Supports default HDMI EDID and learns the EDID of displays
The matrix switch can switch every output channels to any HDMI inputs by push button, IR remote control, or RS-232 control

HDCP TRUEHD HDMI 7.1CH Audio

SPECIFICATIONS

Model	SW-HDMI-8X8
Description	8X8 HDMI Matrix Switch
HDMI Compliance	1.3c
HDCP Compliance	Yes
Video Bandwidth	Single Link 340MHz (6.75Gbps)
Supported Video	480p / 720p / 1080i / 1080p
Audio Support	Surround Sound (up to 7.1 channel) or Stereo Digital Audio
Input	8 x HDMI / 1 x RS232
Output	8 x HDMI
HDMI Input Selection	Push Button / IR Remote / RS232
Power Supply	5V 6A DC
Power Consumption	20 Watts (max)



VIDEO SWITCHES

8x2 HD/SD-SDI Matrix Switch

FEATURES

- 8 Port HD/SD-SDI Switch
- 8 equalized & re-timing SDI Inputs
- Dual color LED indication of HD/SD of the output SDI
- Automatic detection of the SDI input
- Sync In/OUT
- Low cost 8X1 HD/SD & 8X2 HD/SD (dual rate) switch with dual outputs
- Provides the equalized transmission path up to 300m (1000 feet) for HD cases
- Multiple control by RS232, IR remote and Push button

HD-SD

SPECIFICATIONS

Model	SW-HDSDI-8X2
SDI Standards	SD-SDI HD-SDI
Auto HD/SD-SDI Detection	Yes
Supported Protocols	SMPTE 259M / SMPTE 292M
Video Bandwidth	Single Link: 1.485Gbps & 1.485 / 1.002 Gbps
Data Rates	143 / 270 / 1483 / 1485 Mbps
Video Support	HD: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30 SD: NTSC@59.94Hz, PAL@50Hz
Output Impedance	75Ω
Cable Equalization	HD-SDI: up to 150m SD-SDI: up to 300m
Loop Out	Synchronized BNC loop-out at input and output
Audio Support	Yes
Input	8 x BNC (SDI)
Output	1 x BNC (SDI) / 2 x BNC (SDI)
BNC Connector	75Ω inter-locked socket
Eye Pattern Characteristics	**Amplitude:** Within 800mV ±3% (<10%) **Rise overshoot:** Less than 2% (<10%) **Fall overshoot:** Less than 2% (<10%) **Long time jitter:** 0.195μ (<1.0μ) **Timing jitter:** 0.195μ (<1.0μ) **Alignment jitter:** 0.127μ (<0.2μ)
Power Supply	5V 4A DC
Power Consumption	10 Watts (Max)

5X5 VGA Matrix Switch with Audio

VIDEO SWITCHES

SPECIFICATIONS

Model	SW-VGA-5X5
Description	5 Input 5 Output VGA Matrix Switch
Supported Input / Output	VGA / Component
Video Bandwidth	400 MHz
Supported Resolutions	1080p60, WUXGA (1920x1200@60) & UXGA (1600x1200@60)
Audio Support	Analog Stereo
Input	VGA x 5 (Component through VGA to Component Adapter) 3.5mm Analog Audio x 5 / RS232 x 1 / VGA x 5
Output	3.5mm Analog Audio x 5
Input Selection	IR Remote / Push Button / RS232
Power Supply	5V 4A DC
Power Consumption	13 Watts (max)

FEATURES

- Broadcasts the audio and video outputs from five com puters to five monitors and speakers
- Up to 5 Graphics/Video Inputs (appropriate adapters are required)
- Supports video bandwidth up to 400 MHz
- Any one of the inputs can be broadcasted to any or all of the outputs
- Built-in video signal amplifier for up to 65m (210-ft) long transmission
- 3.5mm audio outputs to drive either speakers or ear phones
- Multiple control by IR remote, push button, and RS-232 control

WUXGA 1920x1200 **HD ready 1080p**

APPPLICATION DIAGRAMS

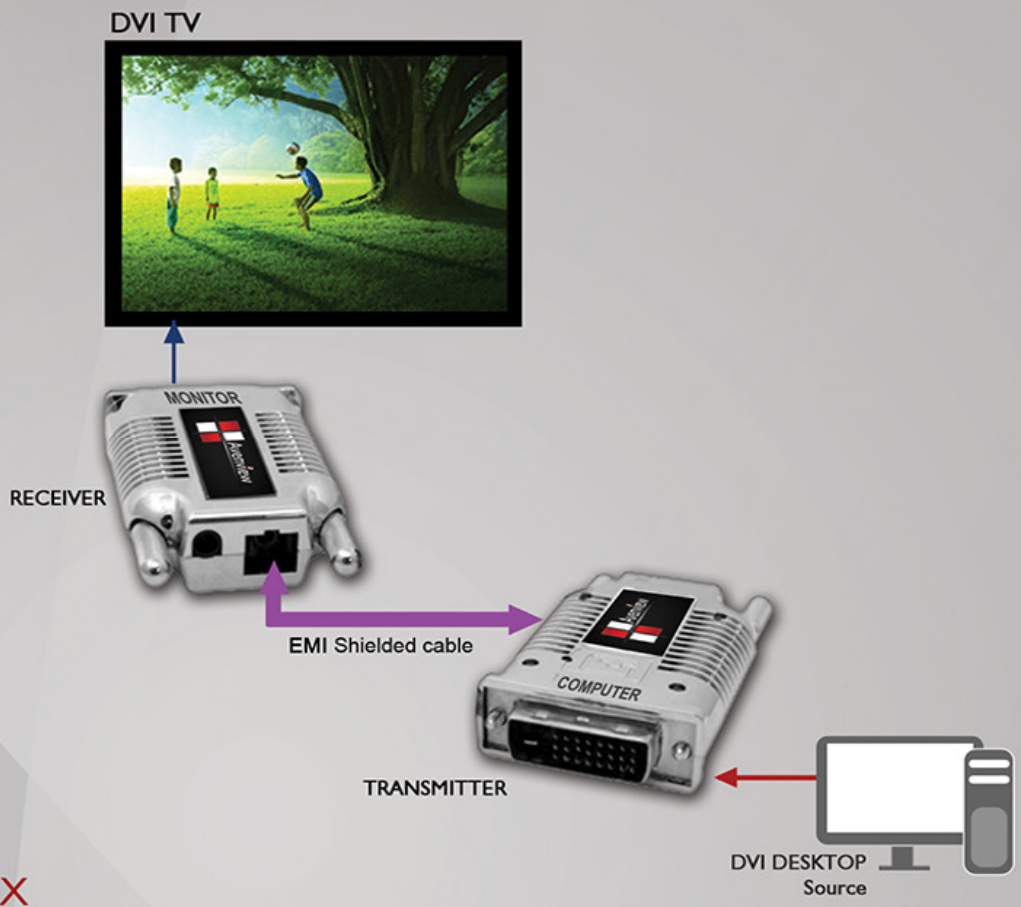
FO-DVI-1000M-EMI

DVI-D Extender SET over Single Fiber with EMI Shielding

up to 1920x1200 resolution at (1000m)3300 feet

CABLE INDEX

- Output
- Input / Source
- Fiber



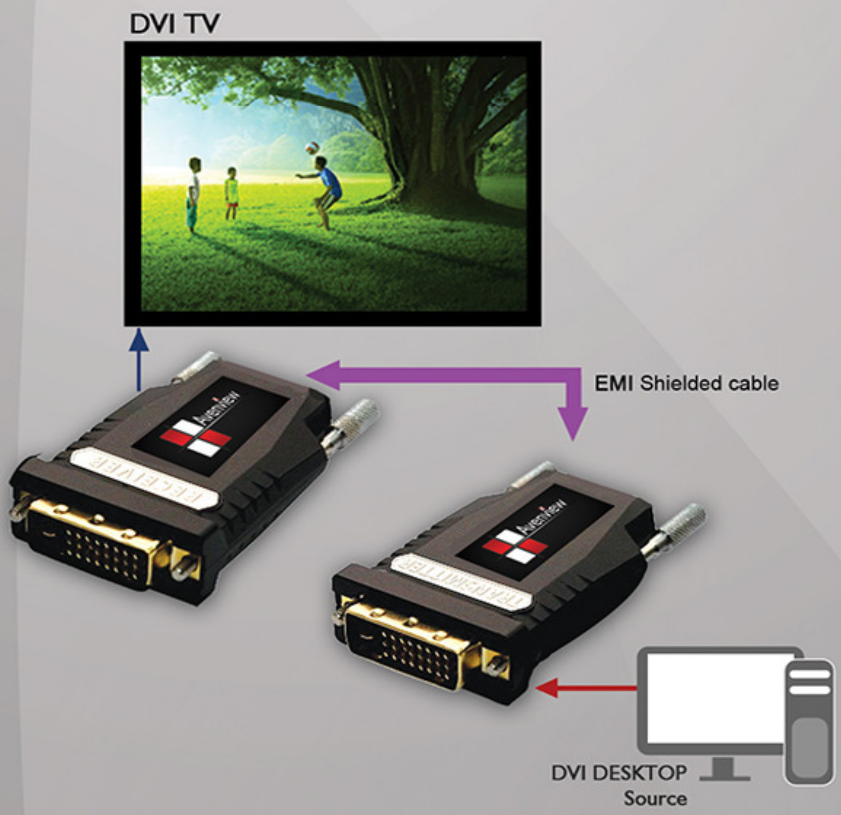
FO-DVI-1000M-EMIX

DVI Extender SET over Fiber with Self-Detecting EDID, EMI Shielding

up to 1920x1200 resolution at (1000m)3300 feet

CABLE INDEX

- Output
- Input / Source
- Fiber



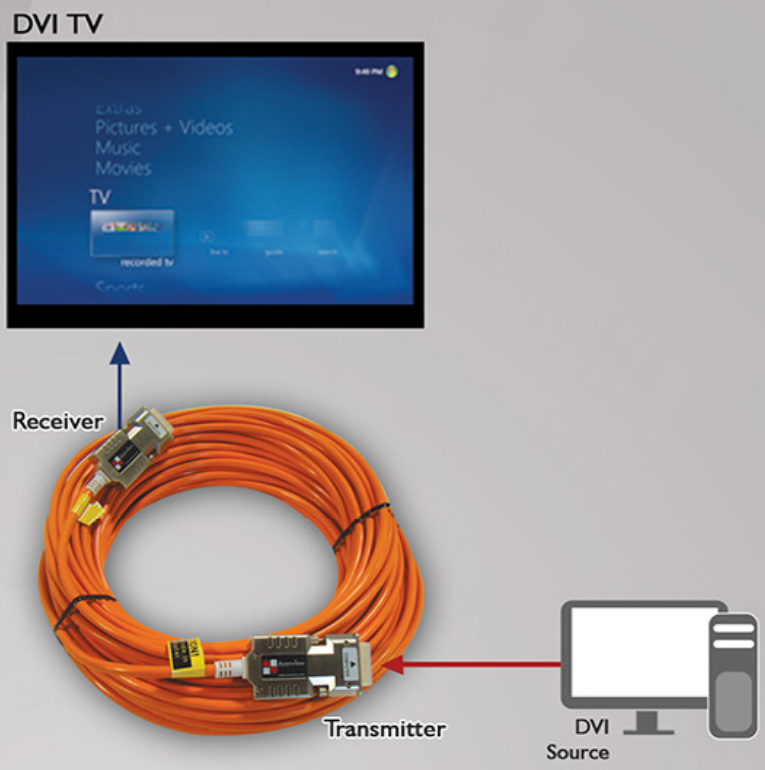
FO-DVI-xx-MM

DVI-D Extender over Fiber Optic Cable, HDCP Compliant

Maximum lenght of 100m at 1920x01200 resolution

CABLE INDEX

- Output
- Input / Source



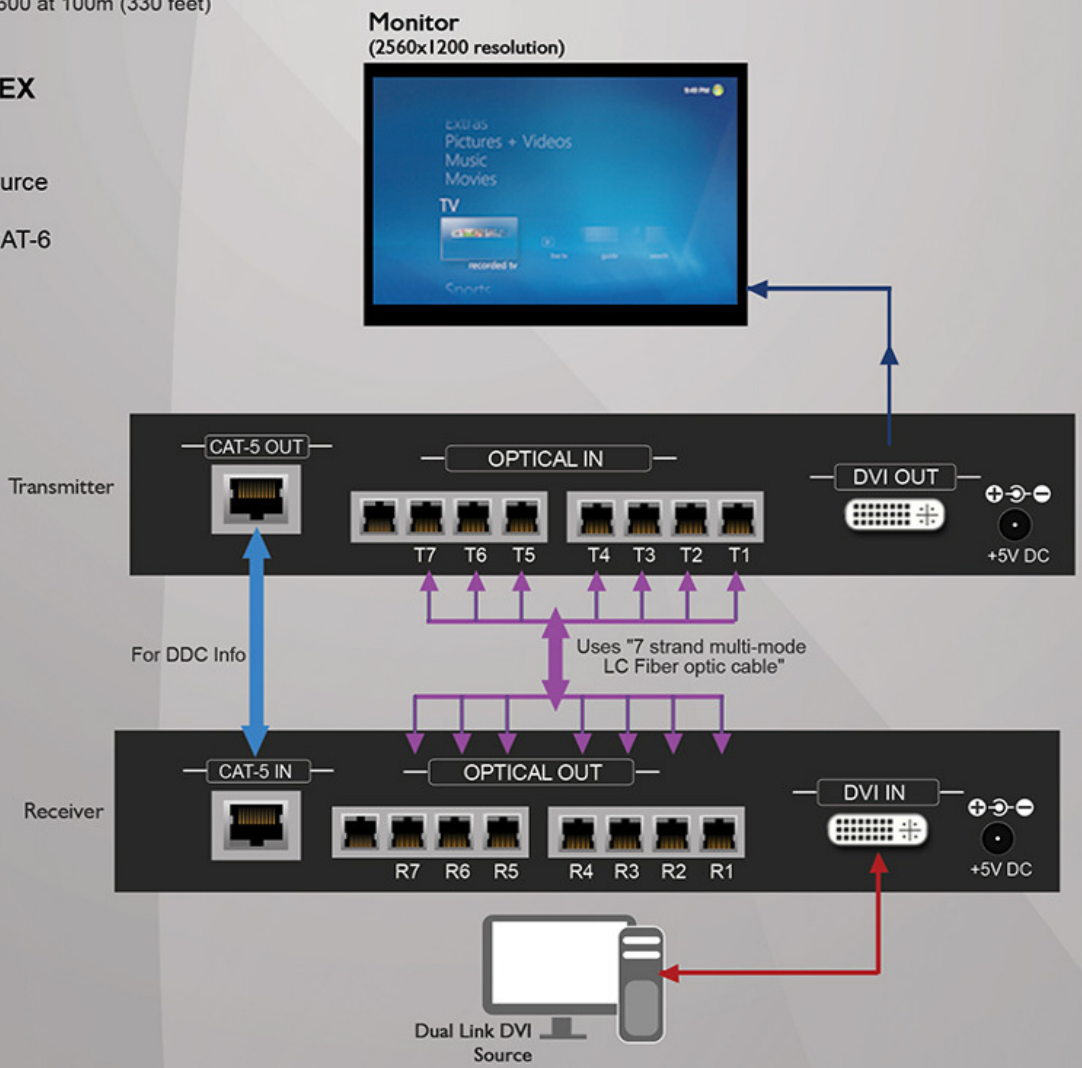
FO-DVI-DL-330

Dual Link DVI Extender over Fiber HDCP Compliant

Extends 2560x1600 at 100m (330 feet)

CABLE INDEX

- Output
- Input / Source
- CAT-5 / CAT-6
- Fiber



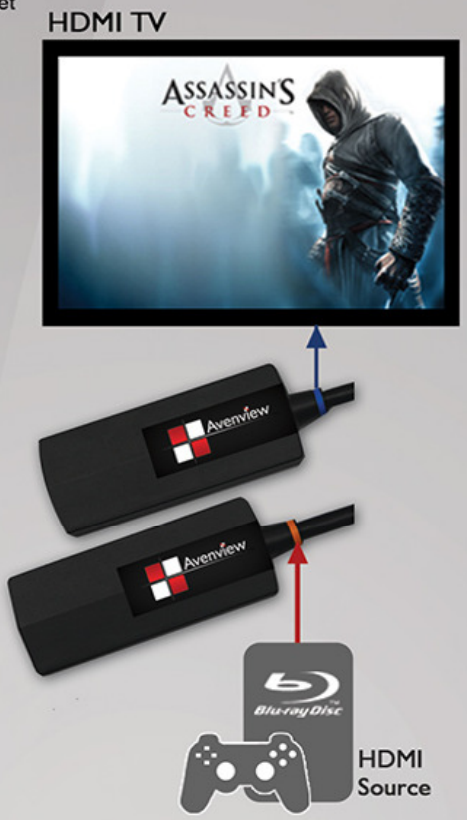
FO-HDMI-1000M-EMI

HDMI 1.3a Extender SET over Single Fiber Optic with EMI Shielding

up to 1920x1200 resolution at (1000m)3300 feet

CABLE INDEX

- Output
- Input / Source
- Fiber



FO-HDMI-xx-MM

HDMI Extender over Fiber Optic Cable, HDCP Compliant

Maximum lenght of 100m at 1920x01200 resolution

CABLE INDEX

- Output
- Input / Source

FO-DP-xx-MM
DisplayPort Extender over Fiber Optic Cable

Maximum resolution is 2560x1600 at 65m (210 feet)

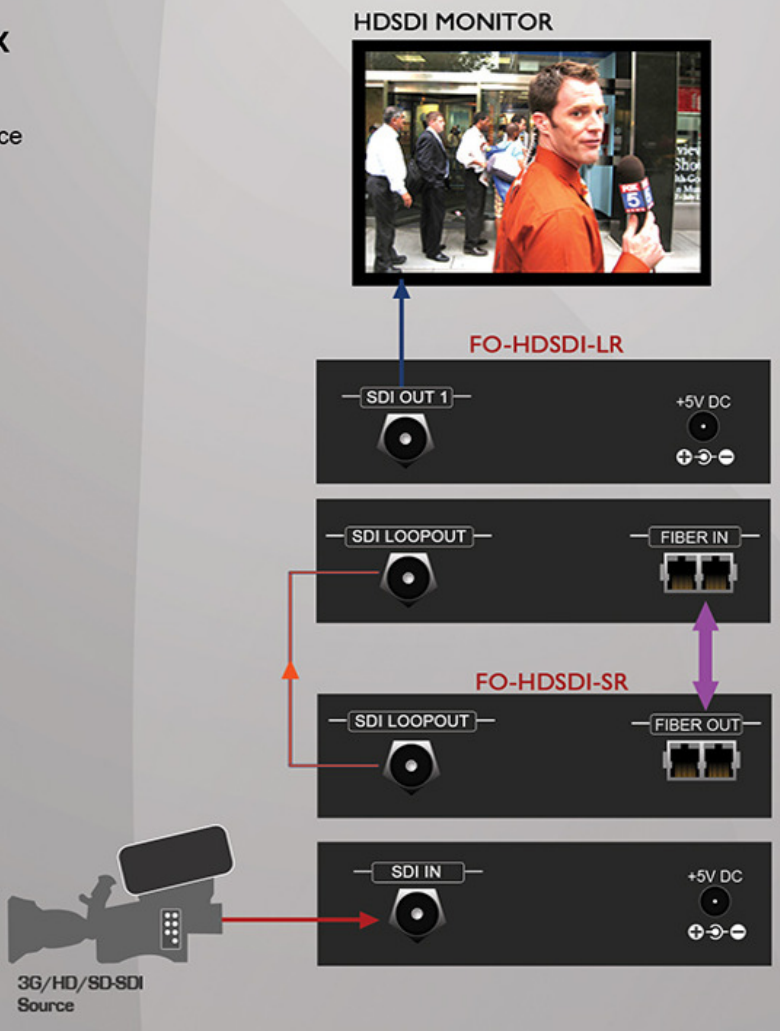
CABLE INDEX

- Output
- Input / Source

FO-HDSDI-SET
HD/SD-SDI Extender over Fiber Optic with Loop Out

CABLE INDEX

- Output
- Input / Source
- SDI Loop
- Fiber



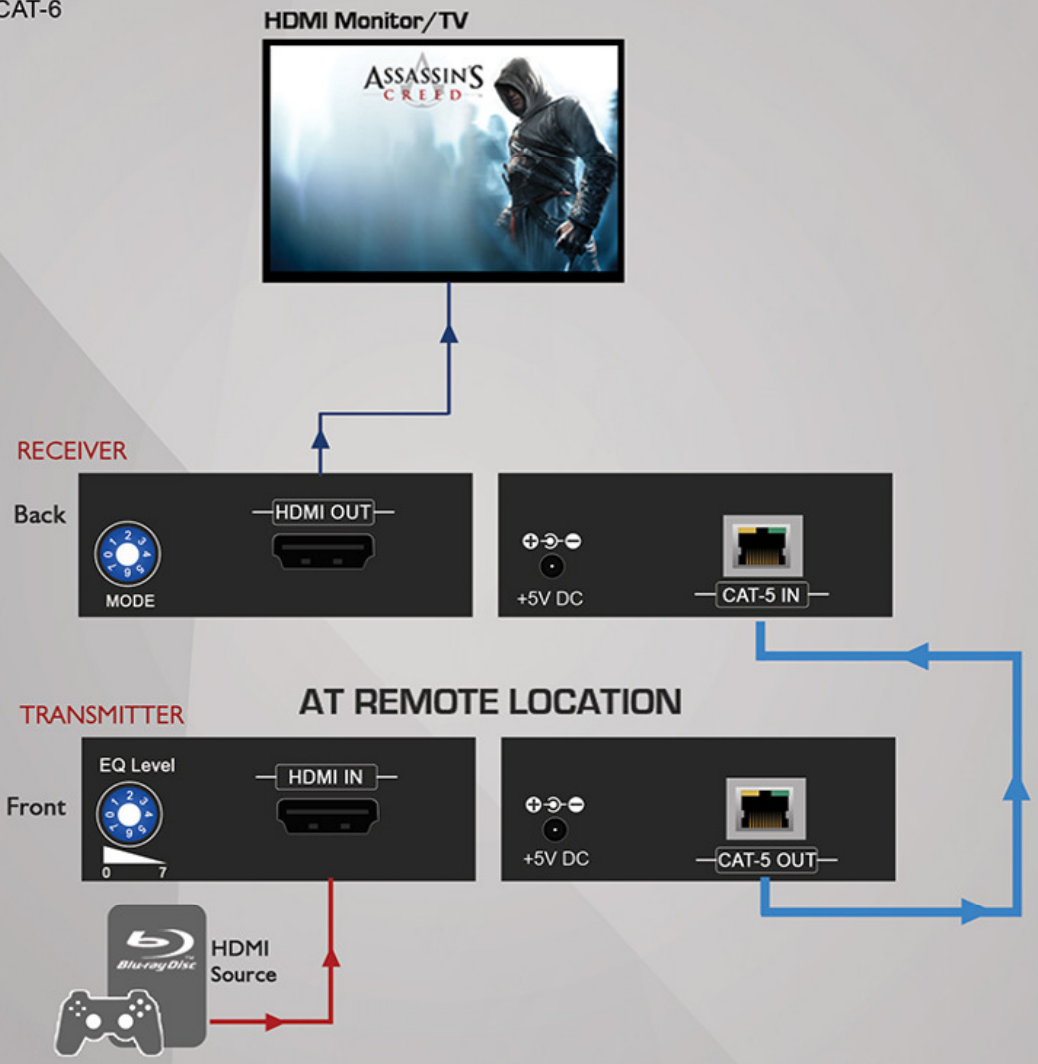
HDMI-C5-3-SET

HDMI 1.3 Extender SET over Single CAT5

720p/1080i = 50m (165 feet) **CAT5**
720p/1080i = 60m (200 feet) **CAT6**
1080p = 40m (130 feet) **CAT5**
1080p = 50m (165 feet) **CAT6**

CABLE INDEX

- Output
- Input / Source
- CAT-5 / CAT-6



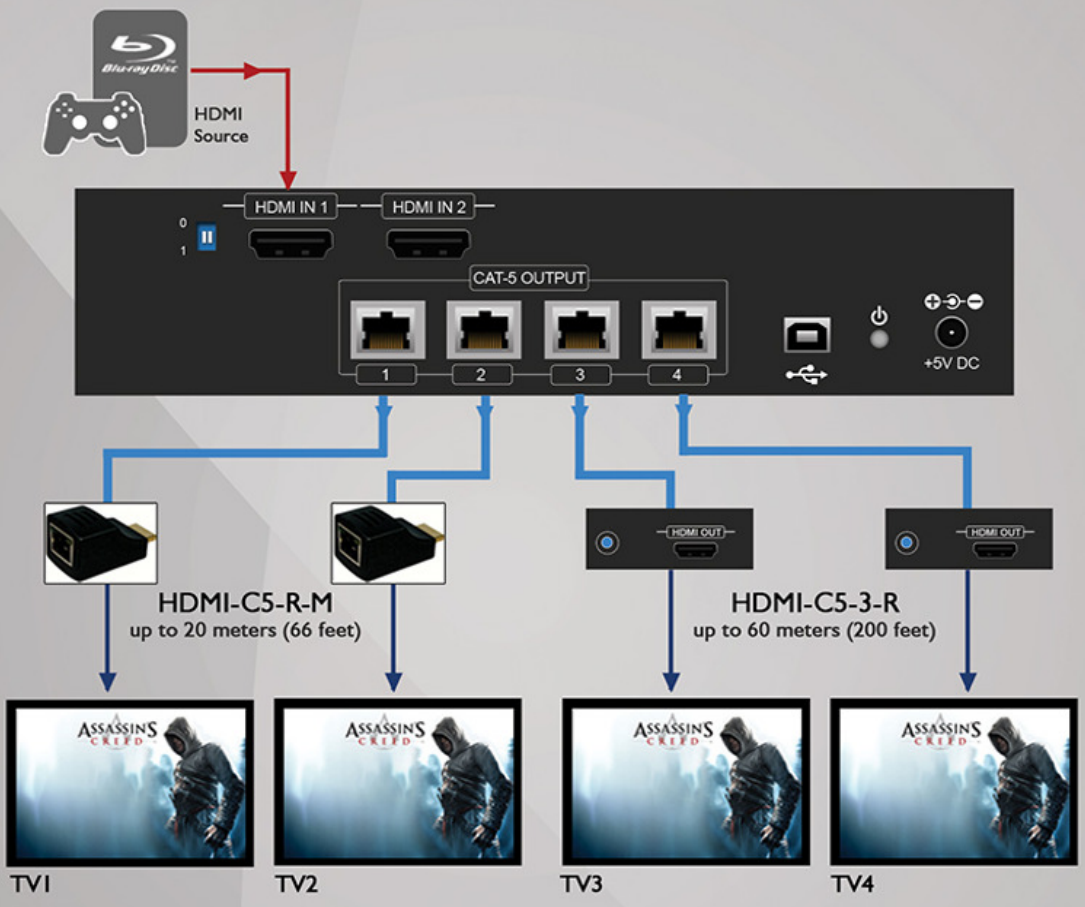
HDMI-C5SP-4
4 Port HDMI 1.3 Extender / Splitter over Single CAT5

720p/1080i = 50m (165 feet) **CAT5**
720p/1080i = 55m (200 feet) **CAT6**
1080p = 30m (130 feet) **CAT5**
1080p = 40m (165 feet) **CAT6**

CABLE INDEX

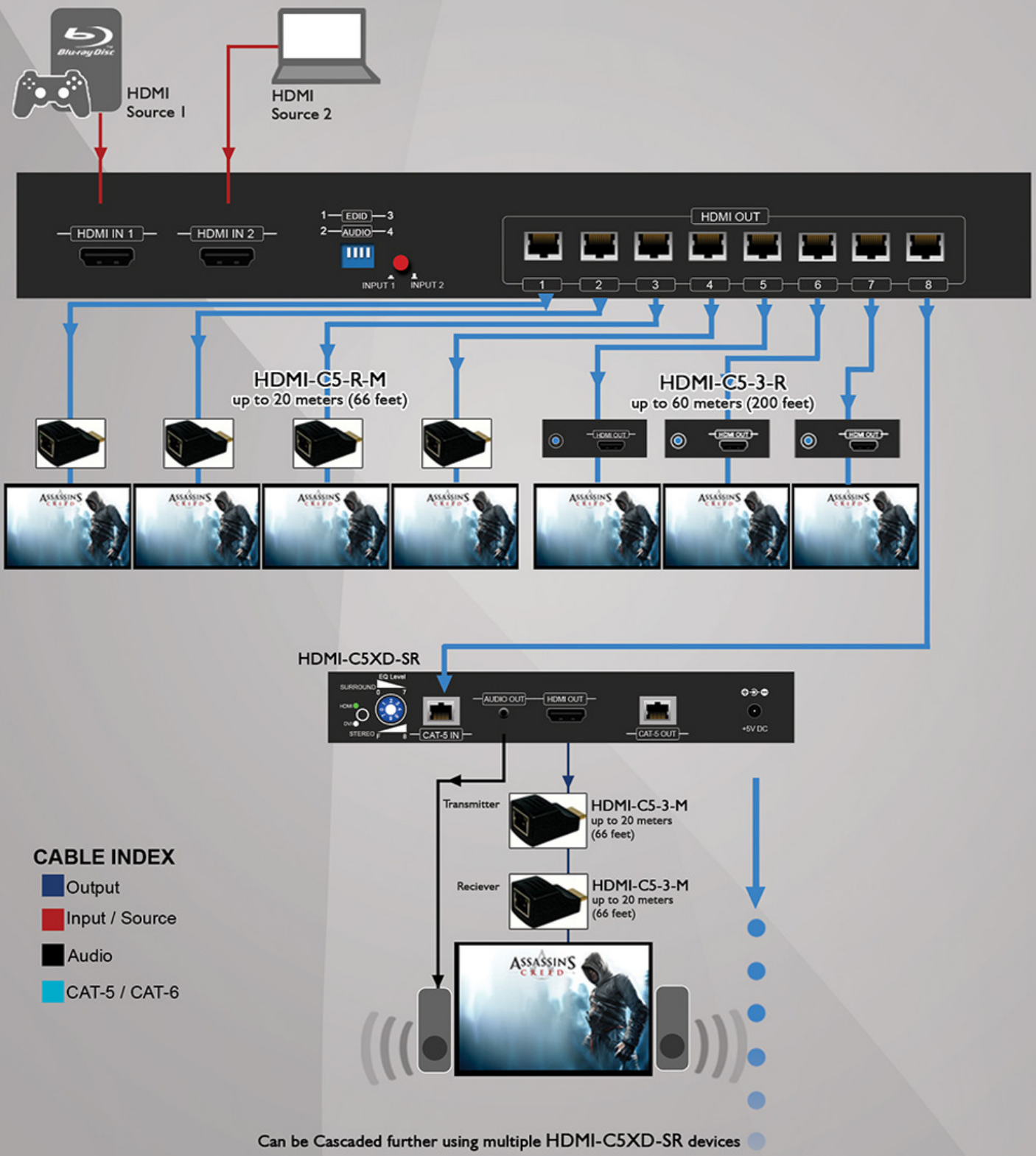
Output

Input / Source



HDMI-C5SP-8
8 Port HDMI 1.3 Extender / Splitter over Single CAT5

720p/1080i = 50m (165 feet) **CAT5**
720p/1080i = 55m (200 feet) **CAT6**
1080p = 30m (130 feet) **CAT5**
1080p = 40m (165 feet) **CAT6**



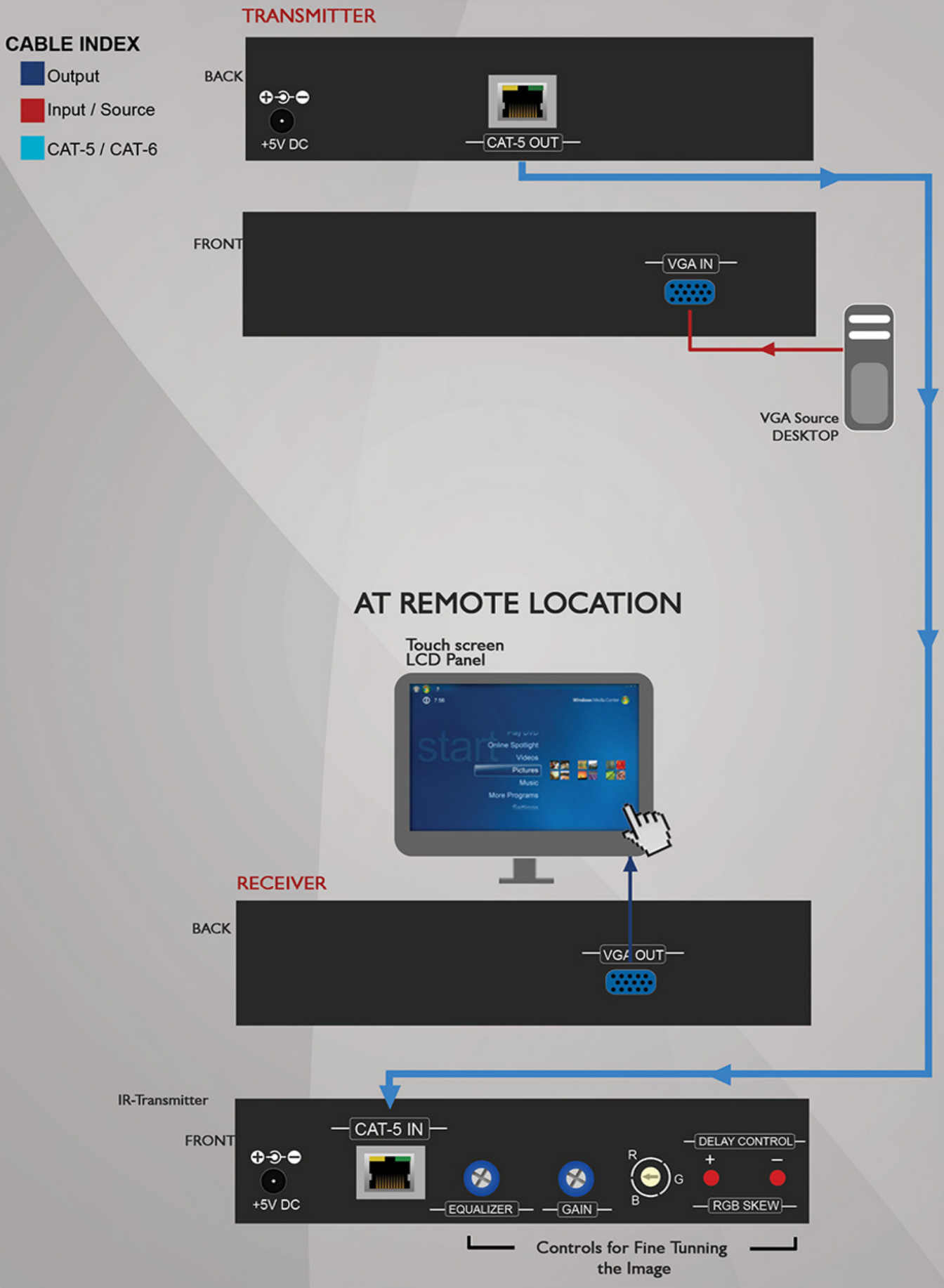
CABLE INDEX

- Output
- Input / Source
- Audio
- CAT-5 / CAT-6

Can be Cascaded further using multiple HDMI-C5XD-SR devices

VGA-C5R-SET
VGA Extender SET over Single CAT5

1920x1200 at 300m (1000 feet)

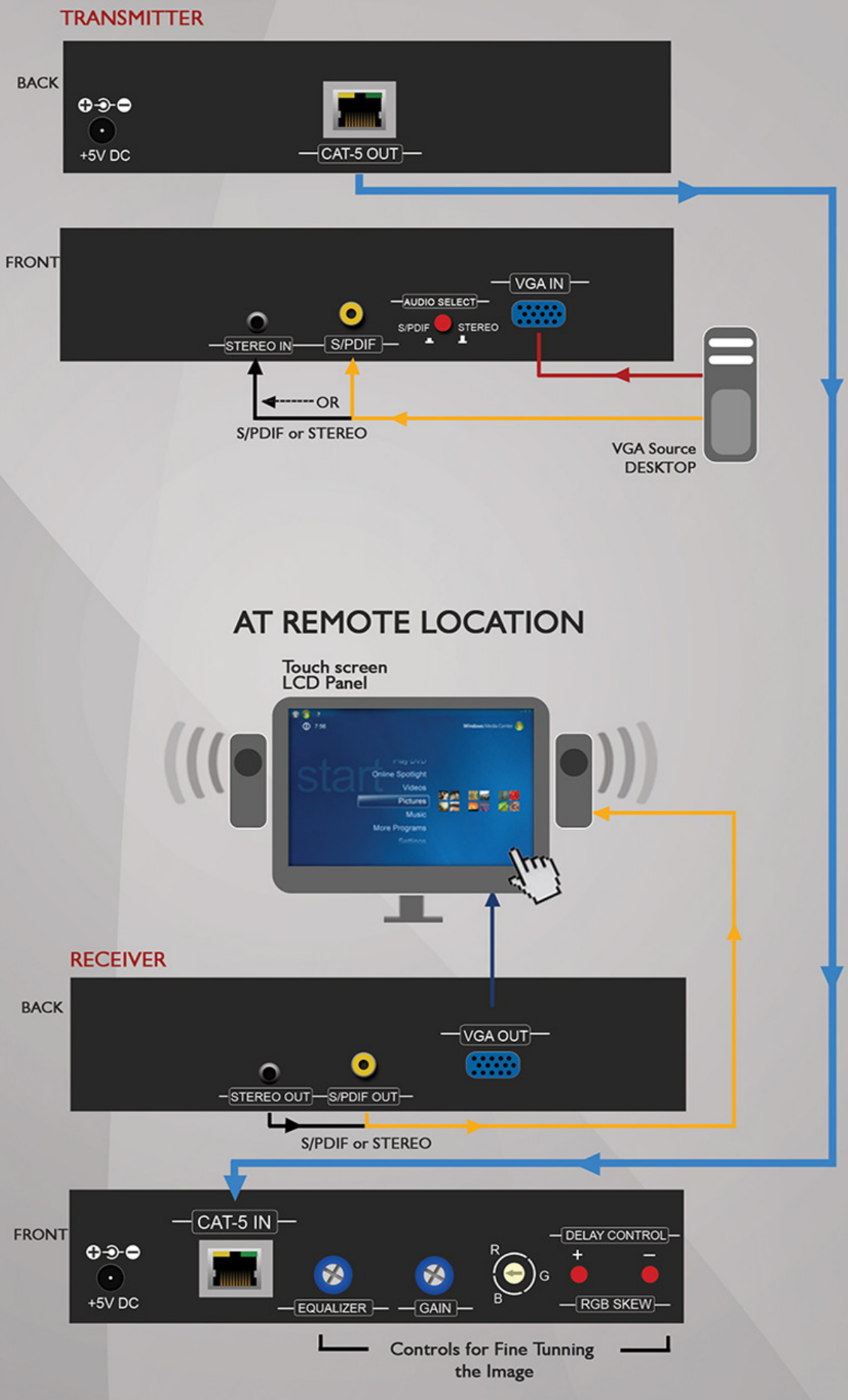


VGA-C5A-SET
VGA Extender with Audio SET over Single CAT5

1920x1200 at 300m (1000 feet)

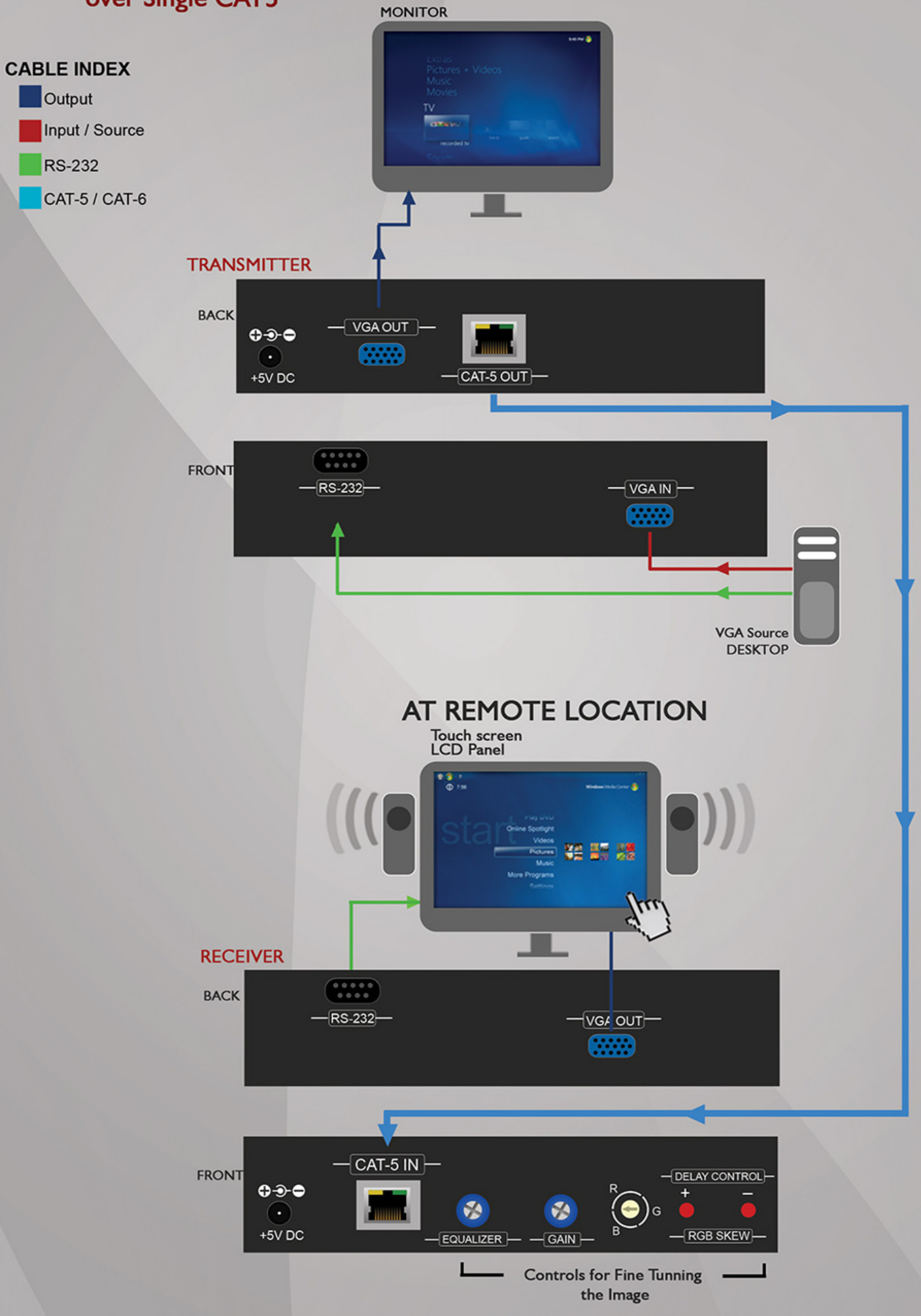
CABLE INDEX

- Output
- Input / Source
- S/PDIF
- Audio
- CAT-5 / CAT-6



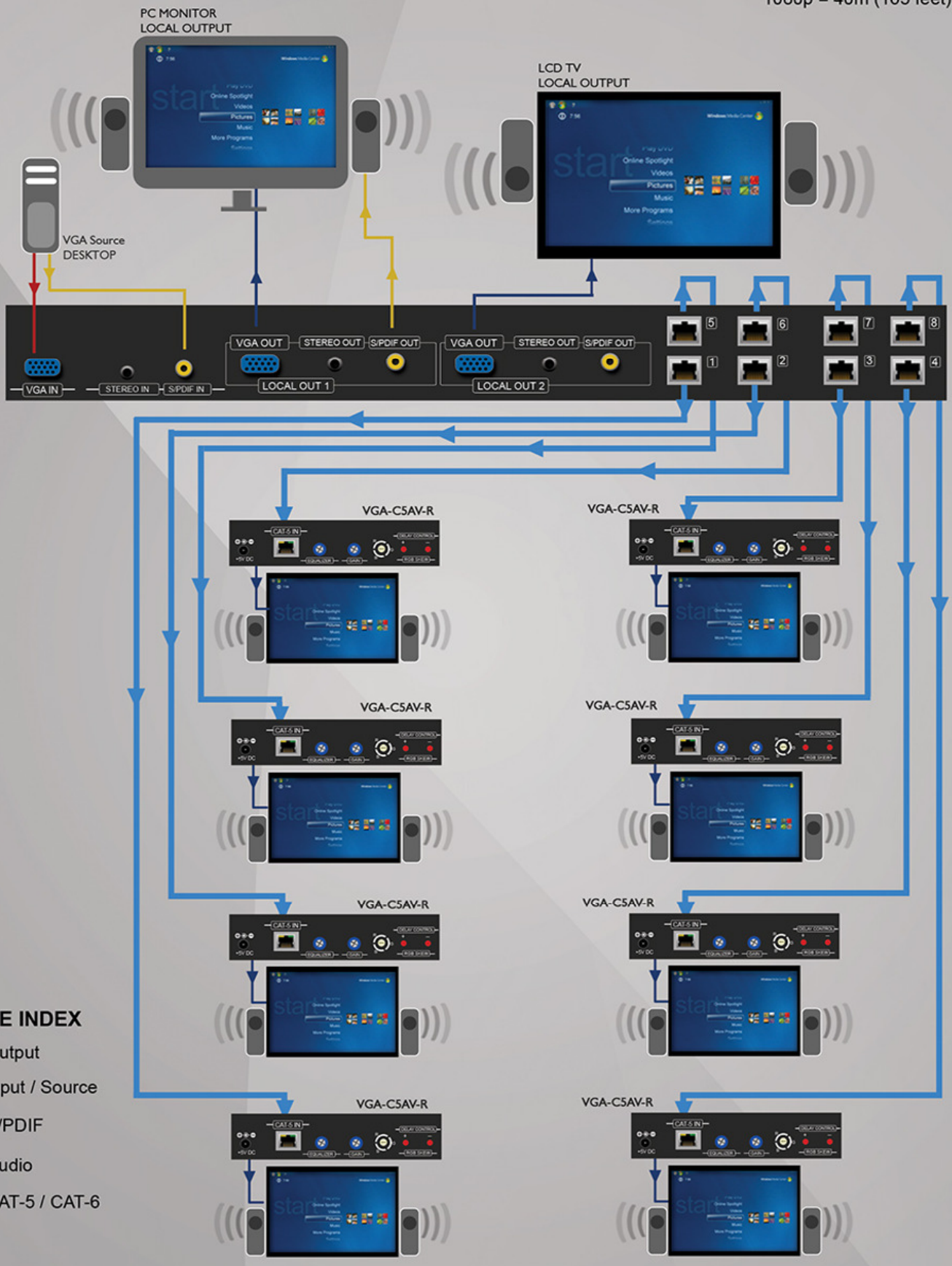
VGA-C5RS-SET
VGA and RS232 Extender SET over Single CAT5

1920x1200 at 300m (1000 feet)



VGS-C5-SP8
4 / 8 / 16 Port VGA Extender / Splitter

720p/1080i = 50m (165 feet) **CAT5**
720p/1080i = 55m (200 feet) **CAT6**
1080p = 30m (130 feet) **CAT5**
1080p = 40m (165 feet) **CAT6**



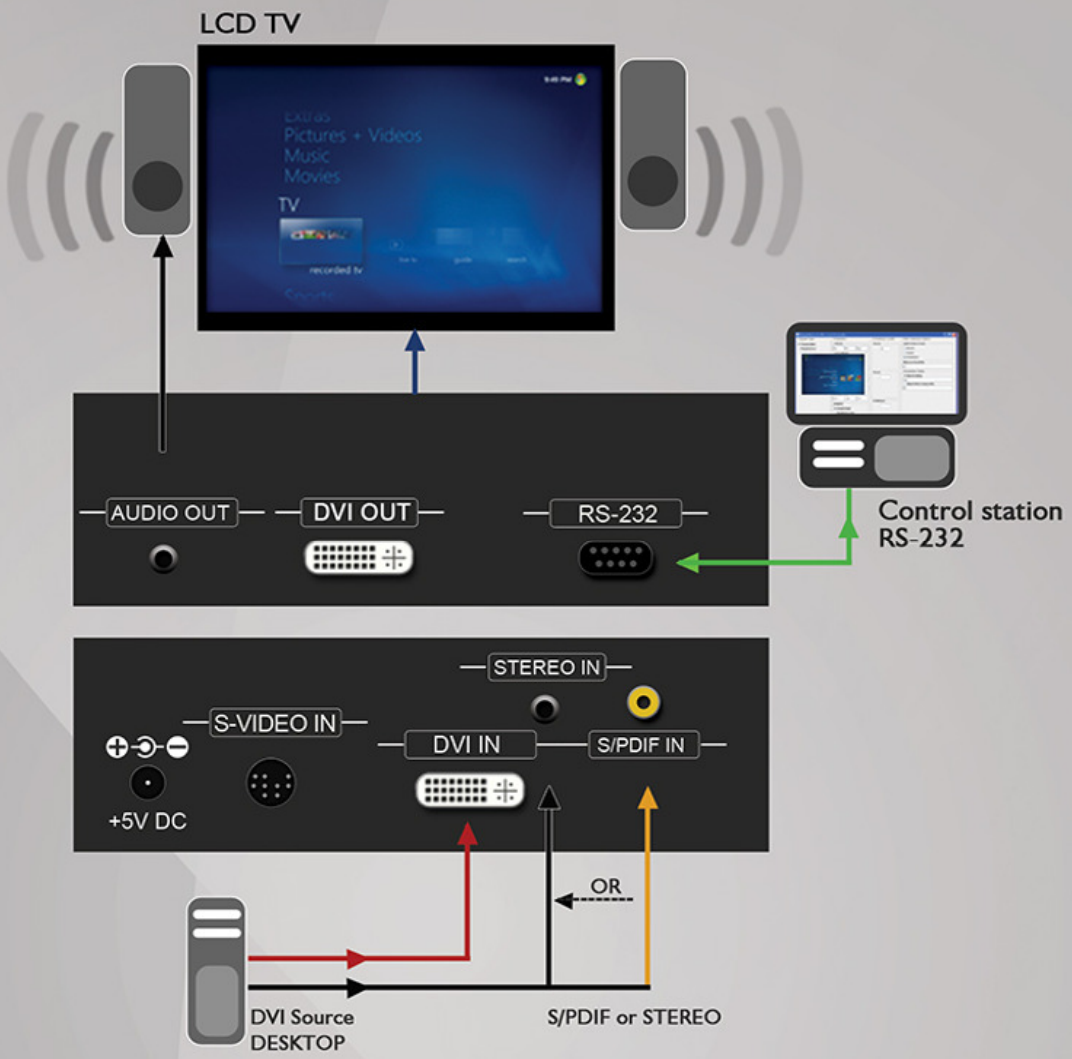
CABLE INDEX

- Output
- Input / Source
- S/PDIF
- Audio
- CAT-5 / CAT-6

C-SC-UNI
Universal Video Converter / Scalar with Audio

CABLE INDEX

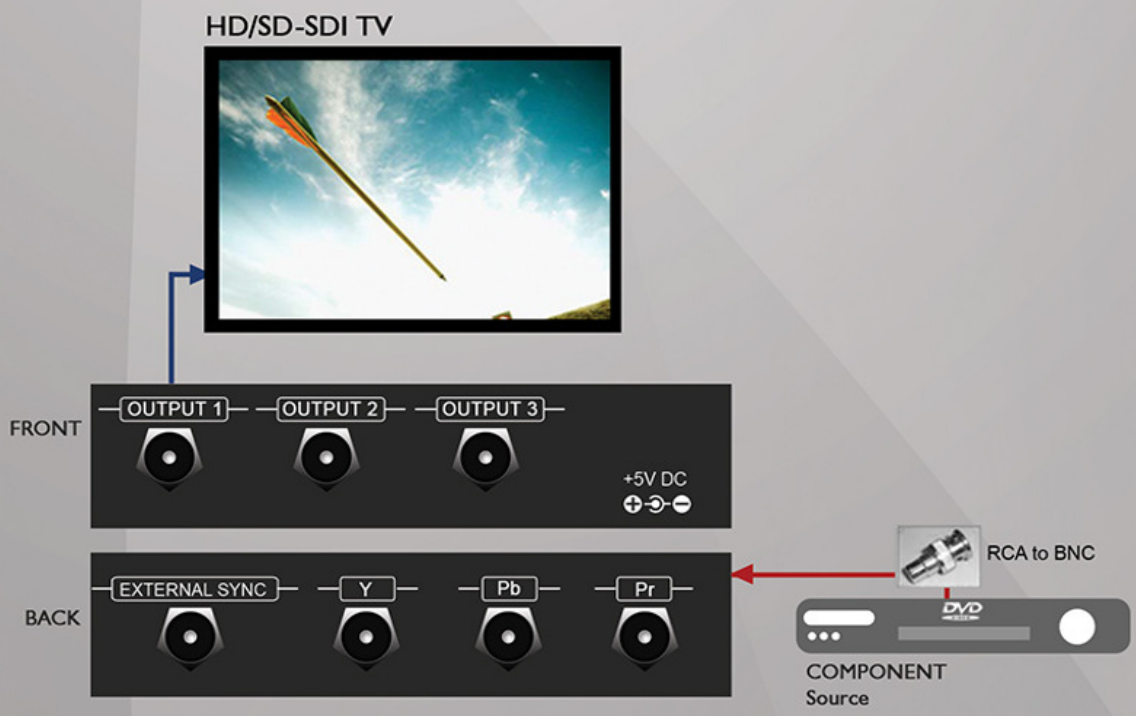
- Output
- Input / Source
- S/PDIF
- Audio
- RS-232



C-COMP-HDSDI
Component to HD/SD-SDI Converter

CABLE INDEX

- Output
- Input / Source



C-COMPVGA-HDMI
Component with Audio to HDMI Converter

1920x1200 at 300m (1000 feet)

CABLE INDEX

- Output
- Input / Source
- Audio

C-COMP-VGA
Component to VGA Converter with Audio

C-DVIA-HDMI

DVI with Digital Audio to HDMI Converter

layout

CABLE INDEX

- Output
- Input / Source
- S/PDIF
- Audio

C-HDMI-COMPVGA

HDMI & DVI to Component & VGA Converter with Audio

C-HDMI-DVIA
HDMI to DVI Converter with Audio

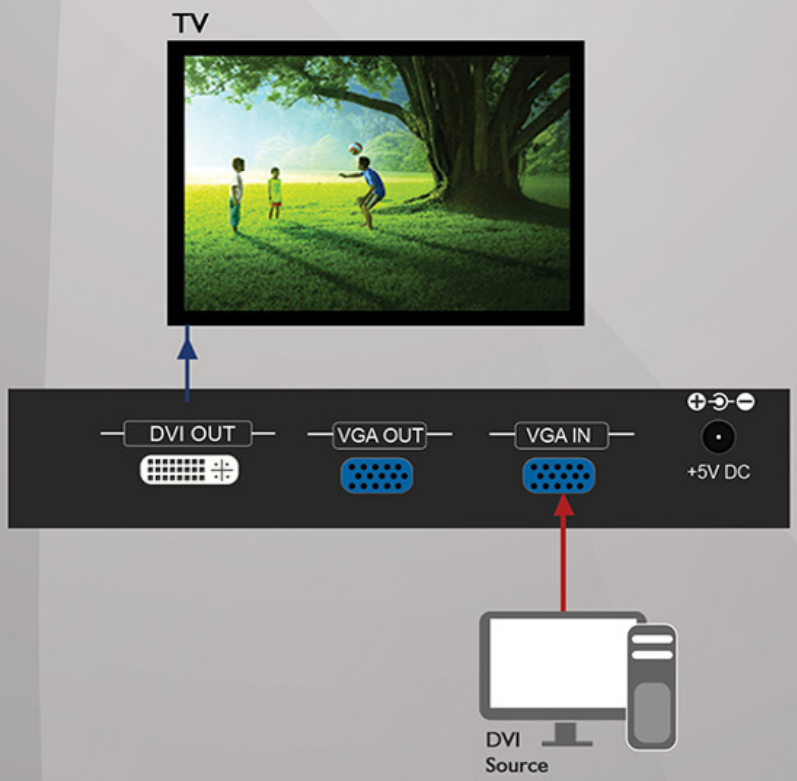
CABLE INDEX

- Output
- Input / Source
- S/PDIF
- Audio

C-VGA-DVI
VGA to DVI Converter

CABLE INDEX

- Output
- Input / Source



C-DVI-VGA
DVI-D to VGA Converter

SUPPORTS UP TO **1920X1200** RESOLUTION

CABLE INDEX

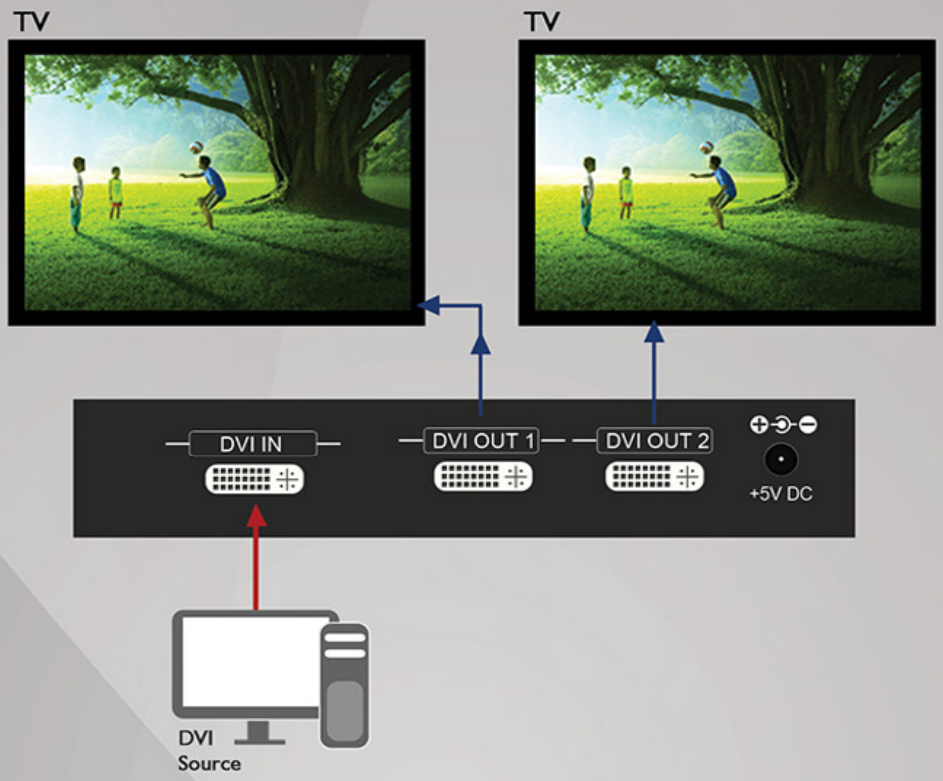
- Output
- Input / Source

SPLIT-DVI-2
2 Port DVI Splitter

SUPPORTS UP TO **1920X1200** RESOLUTION

CABLE INDEX

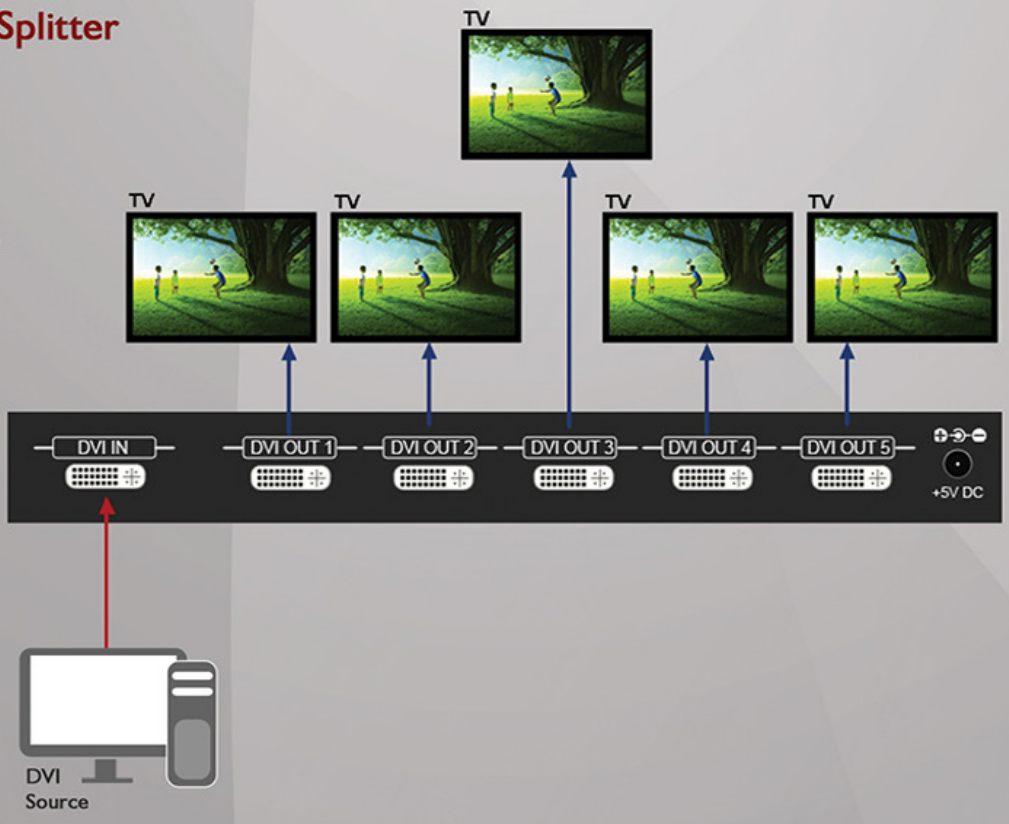
- Output
- Input / Source



SPLIT-DVI-5
5 Port DVI Splitter

CABLE INDEX

- Output
- Input / Source



SW-HDSDI-8X2
8x2 HD/SD-SDI Matrix Switch

SUPPORTS UP TO **1920X1200** RESOLUTION

CABLE INDEX

- Output
- Input / Source

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